

Drives and Soft Starters

Class 8800

Price Guide

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Retain for future use.



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Price Guide Purpose / Overview

The objective of the Drives and Soft Starters Pricing guide is to provide a quick-reference guide to Schneider Electric™ sales and distribution sales personnel that will allow them to quickly find pricing information for Altivar™ drives, Altistart™ soft starters, and accessories. ***This guide is not intended to be a selection guide with all of the product details necessary to select a particular drive based on technical project specifications.*** The price guide is intended to be a method to quickly obtain pricing for part numbers previously specified.

Detailed specifications for all drive products contained in this pricing guide are available at www.SEECatalogs.com. See detailed links to drives eCatalogs in the “Where to get Information” section.

***** Please be aware that this price guide should be used for guidance only and not quotations. All quotations should use the appropriate Schneider Electric product selector tools, such as EQM for distributors and Q2C for internal Schneider users.***

Where to Get Information

Web Sites: The quickest and easiest way to find further information on Schneider Electric drives is via our web sites.

Altivar Drives (www.altivardrives.com): This site provides a centralized location to access all drive information on all of Schneider Electric’s web pages – Quick Reference web sites:

[Altivar Product Web Site](#)

[Drives Technical Documents](#)

[Drives Communication Options](#)

[Drives Product Certifications](#)

eCatalog Information

www.SEECatalogs.com – Our Industry eCatalog site contains detailed product catalogs for industry products including drives and soft starter products. For the purposes of drive and soft starter product selection you should use these catalogs for purposes of specifying your device.

eCatalogs by Product

Soft Starters

[Altistart 01 Soft Starters](#)

[Altistart 22 & Enclosed Altistart 22 Soft Starters](#)

[Altistart 48 & Enclosed Altistart 48 Soft Starters](#)

Drives

[Altivar 12 Variable Speed drives](#)

[Altivar 212 & S-Flex Enclosed Variable Speed drives](#)

[Altivar 312 Variable Speed drives](#)

[Altivar 32 Variable Speed drives](#)

[Altivar 320 Machine drives](#)

[Altivar Process 600 Variable Speed drives](#)

[Altivar Process 900 Variable Speed drives](#)

Discount Schedule and Price Category Listing

Channel Program Discount Schedule	Drives and Soft Starter Price Category Description	Price Category
I11	ATSU01/ATS01 Low HP Soft Starters	22392
CP1G	ATS22 Soft Starter	22576
CP1G	Enclosed ATS22 Soft Starter	22141
CP1G	Open ATS48 Soft Starter	22579
CP1G	Enclosed ATS48 Soft Starter	22578
CP1G	Misc. Altivar/Altistart cables, connectors	18062
CP4B	ATV12 Drive & Accessories	22042
CP4B	ATV312/32 (.25 - 7.5HP)	22152
CP4B	ATV312 / ATV32 (10 - 30HP)	22153
CP4B	ATV312 / ATV32 Accessories	22154
CP4C	ATV71 Drives, 1/2 - 5HP	22130
CP4C	ATV71 Drives, 60 - 150HP	22132
CP4C	ATV71 Drives, 7.5 - 50HP	22131
CP4C	ATV71 Drives, 200 -450HP	22133
CP4C	ATV71 Drives, 500 -700 HP	22134
CP4D	ATV212 Drives, 1 - 25 HP, 230 V	22155
CP4D	ATV212 Drives, 1 - 25 HP, 460 V	22157
CP4D	ATV212 Drives, 30 - 100 HP, 460 V	22158
CP4D	ATV212 Drives, 30 - 40 HP, 230 V	22156
CP4D	ATV212 OPTIONS	22159
CP4D	ATV212 S-FLEX	22199
CP4E	ATV630 Frames, 1 & 2	22205
CP4E	ATV630 Frames, 3 & 4	22206
CP4E	ATV630 Frames, 5 & 6	22207
CP4E	ATV660 Frame A	22215
CP4E	ATV660 Frame B	22216
CP4E	ATV660 Frame C	22217
CP4E	ATV660 Frame D	22218
CP4E	ATV660 Frame 1P - MCE	22230
CP4E	ATV660 Frame 2P - MCE	22231
CP4E	ATV660 Frame 3P - MCE	22232
CP4E	ATV660 Frame 4P - MCE	22233
CP4E	ATV660 Frame 5P - MCE	22234
CP4E	ATV930 Frames 1 & 2	22276
CP4E	ATV930 Frames 3 & 4	22277
CP4E	ATV930 Frames 5 & 6	22278
CP4E	ATV Process Accessories	22209

How to Request Custom Drives Quotations

Step #1: Submit a bFO Support Request

- The Drives Quote Group requires that a bFO Support Request be submitted for all drive quote requests. There are no exceptions and this is not optional.
- Use the Comment section of the Support Request to summarize the details of the project. Include any notes, special requirements and any other details that may be applicable.
- Include the Q2C# and Sales Office Location in the Comments section of the bFO Support Request.
- Attach project documents (**Pertinent** VFD specifications, schedules, drawings, etc.) to the bFO Support Request. Attach only the information pertinent to the drives. Do not submit lengthy specifications with irrelevant detail or things such as landscape or plumbing drawings. Attaching files to a bFO Support Request is very easy and saves time for the both the quote team and yourself. The files are stored in bFO thereby eliminating the need to send a separate email with the attachments.
Note: We do Not use Windchill, Drop Box, Dodge Plans, FTP Sites or other drawing services.

Here are a few quick steps for adding an attachment to your Support Request:

Step 1: From your Support Request or the Opportunity, Click **Notes and Attachments**.

Step 2: Click **Attach File**

Step 3: Click **Browse** and select the first file to attach, then Click **Open**.

Step 4: Click **Attach File**

Step 5: Repeat steps 3 & 4 if you have more files to attach.

When finished, click **Done**

Step #2: Create a Q2C Proposal AND Quote

The Drives Quote Group requires that BOTH a Proposal and QUOTE be created on the Field Sales Office Location responsible for the project. We do not create the Quote because we don't know who the project manager will be, their location, or who the assigned sale rep may be. For large projects, these people may be part of a national support group and located in various areas of the country.

By helping to follow these two simple requirements, it will help to ensure that we have all of the necessary documentation and to turnaround your quote in a timely manner.

How to Order Drives

Drives may be ordered by part number for “profiled” products (non-custom). Configured drives **MUST** be ordered using a product selector tool – including Q2C and MySchneider.

This guide provides basic pricing for configured products and options as well as the part number key for configured parts for pricing purposes only. Schneider Electric ordering tools **DO NOT** allow drives to be ordered using these numbers. Product selectors within these ordering tools must be used to configure and quote these parts.

Drawings: Drawings are available for all profiled part numbers at www.altivardrives.com. For configured products, approval drawings may be requested from the drives quotation group after the quote has been created.

Support Resources

Drive Product Support Group

For support and assistance, contact the Drive Product Support Group. The Drive Product Support Group is staffed from 8:00 am until 6:00 pm Eastern time to assist with product selection, start-up, and diagnosis of product or application problems.

EMERGENCY Technical phone support is available 24 hours a day, 365 days a year.

Toll Free: 1-888-778-2733

E-mail: drive.products.support@us.schneider-electric.com

Fax: 919-217-6508

Schneider Electric Service (On-Site)

The Schneider Electric Services division is committed to providing quality on-site service that consistently meets customer expectations. Services responds to your requests, seven days a week, 24 hours a day.

Phone: 1-888-778-2733

Schneider Electric Customer Training

Schneider Electric offers a variety of instructor-led skill enhancing and technical product training programs for customers. For a complete list of drives/soft start training with dates, locations and pricing please call:

Phone: 978-975-9306

Fax: 978-975-2821

Altistart 01 Soft Starters

Product Description

The **Altistart 01 soft starter** offers enhanced starting and stopping performance for single-phase and three-phase, low horsepower asynchronous motors in a compact package.

This highly functional mini soft starter provides a controlled and smooth operation while providing torque surge suppression during both starting and stopping of the motor. It is ideal for applications that do not require high starting torque. By limiting the starting torque, the ATS01 Soft Starter reduces the current inrush experienced with other motor starting methods. This stepless starting method avoids the damaging torque surges associated with other reduced voltage starting methods.



Useful Links:

[Link to eCatalog](#)

[Link to Website](#)

Price Tables – ATS01 Soft Starters

Part No.	Description	List Price	Discount Schedule
ATS01N206LU	SOFT START 200-240VAC 6A ATS01	\$133	I11
ATS01N209LU	SOFT START 200-240VAC 9A ATS01	\$152	I11
ATS01N212LU	SOFT START 200-240VAC 12A ATS01	\$175	I11
ATS01N222LU	SOFT START 200-240VAC 22A ATS01	\$219	I11
ATS01N232LU	SOFT START 200-240VAC 32A ATS01	\$300	I11
ATS01N206QN	SOFT START 380-415VAC 6A ATS01	\$133	I11
ATS01N209QN	SOFT START 380-415VAC 9A ATS01	\$152	I11
ATS01N212QN	SOFT START 380-415VAC 12A ATS01	\$175	I11
ATS01N222QN	SOFT START 380-415VAC 22A ATS01	\$219	I11
ATS01N232QN	SOFT START 380-415VAC 32A ATS01	\$300	I11
ATS01N206RT	SOFT START 440-480 VAC 6A ATS01	\$133	I11
ATS01N209RT	SOFT START 440-480 VAC 9A ATS01	\$152	I11
ATS01N212RT	SOFT START 440-480 VAC 12A ATS01	\$175	I11
ATS01N222RT	SOFT START 440-480 VAC 22A ATS01	\$219	I11
ATS01N232RT	SOFT START 440-480 VAC 32A ATS01	\$300	I11
ATSU01N206LT	SOFT START 200-480 VAC 6A ATS01	\$133	I11
ATSU01N209LT	SOFT START 200-480 VAC 9A ATS01	\$152	I11
ATSU01N212LT	SOFT START 200-480 VAC 12A ATS01	\$175	I11
ATSU01N222LT	SOFT START 200-480 VAC 22A ATS01	\$219	I11
ATSU01N232LT	SOFT START 200-480 VAC 32A ATS01	\$300	I11
ATS01N103FT	SOFT START 110-480 VAC 3A ATS01	\$100	I11
ATS01N106FT	SOFT START 110-480 VAC 6A ATS01	\$115	I11
ATS01N109FT	SOFT START 110-480 VAC 9 Amp ATS01	\$130	I11
ATS01N112FT	SOFT START 110-480 VAC 12 Amp ATS01	\$145	I11
ATS01N125FT	SOFT STARTER 25A 110 48V	\$240	I11

ATS01 Options

Part No.	Description	List Price	Discount Schedule
VW3G4104	Power Interconnect, ATS01 to U -Line	\$15	I11

Altistart 22 Soft Starters

Product Description

The **Altistart 22 soft starters** support the controlled starting and stopping, through voltage and torque control, of 3 HP to 500 HP (4 HP to 400 kW) three-phase asynchronous motors. It comes ready to use for standard applications with class 10 motor protection.



Useful Links:

[Link to eCatalog](#)

[Link to User Manual](#)

[Link to Website](#)

Price Tables – ATS22 Soft Starters

Part No.	Description	List Price	Discount Schedule
Soft start - soft stop unit, 230...600 V, 50/60 Hz			
For line connection only			
ATS22D17S6U	soft start 208-600vac 110vcntrl,17amp	\$613	CP1G
ATS22D17S6	soft start 208-600vac220Vcntrl , 17amp	\$613	CP1G
ATS22D32S6U	soft start 208-600vac 110vcntrl,32amp	\$654	CP1G
ATS22D32S6	soft start 208-600vac220Vcntrl ,32amp	\$654	CP1G
ATS22D47S6U	soft start 208-600vac 110vcntrl,47amp	\$786	CP1G
ATS22D47S6	soft start 208-600vac220Vcntrl ,47amp	\$786	CP1G
ATS22D62S6U	soft start 208-600vac 110vcntrl,63amp	\$945	CP1G
ATS22D62S6	soft start 208-600vac220Vcntrl ,63amp	\$945	CP1G
ATS22D75S6U	soft start 208-600vac 110vcntrl,75amp	\$1,083	CP1G
ATS22D75S6	soft start 208-600vac220Vcntrl ,75amp	\$1,083	CP1G
ATS22D88S6U	soft start 208-600vac 110vcntrl,88amp	\$1,267	CP1G
ATS22D88S6	soft start 208-600vac220Vcntrl ,88amp	\$1,267	CP1G
ATS22C11S6U	soft start 208-600vac 110vcntrl,110amp	\$1,468	CP1G
ATS22C11S6	soft start 208-600vac220Vcntrl ,110amp	\$1,468	CP1G
ATS22C14S6U	soft start 208-600vac 110vcntrl,140amp	\$1,792	CP1G
ATS22C14S6	soft start 208-600vac220Vcntrl ,140amp	\$1,792	CP1G
ATS22C17S6U	soft start 208-600vac 110vcntrl,170amp	\$2,056	CP1G
ATS22C17S6	soft start 208-600vac220Vcntrl ,170amp	\$2,056	CP1G
ATS22C21S6U	soft start 208-600vac 110vcntrl,210amp	\$2,383	CP1G
ATS22C21S6	soft start 208-600vac220Vcntrl ,210amp	\$2,383	CP1G
ATS22C25S6U	soft start 208-600vac 110vcntrl,250amp	\$2,714	CP1G
ATS22C25S6	soft start 208-600vac220Vcntrl ,250amp	\$2,714	CP1G
ATS22C32S6U	soft start 208-600vac 110vcntrl,320amp	\$3,083	CP1G
ATS22C32S6	soft start 208-600vac220Vcntrl ,320amp	\$3,083	CP1G
ATS22C41S6U	soft start 208-600vac 110vcntrl,410amp	\$3,573	CP1G
ATS22C41S6	soft start 208-600vac220Vcntrl ,410amp	\$3,573	CP1G
ATS22C48S6U	soft start 208-600vac 110vcntrl,480amp	\$4,263	CP1G
ATS22C48S6	soft start 208-600vac220Vcntrl ,480amp	\$4,263	CP1G
ATS22C59S6U	soft start 208-600vac 110v cntrl,590amp	\$4,862	CP1G
ATS22C59S6	soft start 208-600vac220Vcntrl,590amp	\$4,862	CP1G

Part No.	Description	List Price	Discount Schedule
Soft start - soft stop unit, 230...440 V, 50/60 Hz			
For line connection or inside delta connection			
ATS22D17Q	Soft Start 230-440vac 230Vcntrl,17 amp	\$613	CP1G
ATS22D32Q	Soft Start 230-440vac 230Vcntrl,32amp	\$654	CP1G
ATS22D47Q	Soft Start 230-440vac 230Vcntrl,47amp	\$786	CP1G
ATS22D62Q	Soft Start 230-440vac 230Vcntrl,63amp	\$945	CP1G
ATS22D75Q	Soft Start 230-440vac 230Vcntrl,75amp	\$1,083	CP1G
ATS22D88Q	Soft Start 230-440vac 230Vcntrl,88amp	\$1,267	CP1G
ATS22C11Q	Soft Start 230-440vac 230Vcntrl,110amp	\$1,468	CP1G
ATS22C14Q	Soft Start 230-440vac 230Vcntrl,140amp	\$1,792	CP1G
ATS22C17Q	Soft Start 230-440vac 230Vcntrl,170amp	\$2,056	CP1G
ATS22C21Q	Soft Start 230-440vac 230Vcntrl,210amp	\$2,383	CP1G
ATS22C25Q	Soft Start 230-440vac 230Vcntrl,250amp	\$2,714	CP1G
ATS22C32Q	Soft Start 230-440vac 230Vcntrl,320amp	\$3,083	CP1G
ATS22C41Q	Soft Start 230-440vac 230Vcntrl,410amp	\$3,573	CP1G
ATS22C48Q	Soft Start 230-440vac 230Vcntrl,480amp	\$4,263	CP1G
ATS22C59Q	Soft Start 230-440vac 230Vcntrl,590amp	\$4,862	CP1G

ATS22 Options and Accessories

Part No.	Description	List Price	Discount Schedule
TCSMCNAM3M002P	USB to RS485 cordset (RJ45 plug)	\$52	CP4C
VW3A8151R20U	30-Pin Mobile to RS-485 Converter, 2 Meters	\$106	CP4C
LU9GC3	MODBUS HUB	\$312	I11
VW3A8306R03	RJ45-RJ45 CABLE 1/3 METER	\$20	CP1G
VW3A8306R10	RJ45-RJ45 CABLE 1 METER	\$25	CP1G
VW3A8306R30	RJ45-RJ45 CABLE 3 METER	\$30	CP1G
VW3A8306TF03	RJ45 T-CABLE 1/3 METER	\$75	CP1G
VW3A8306TF10	RJ45 T-CABLE 1 METER	\$85	CP1G
VW3A8306RC	MODBUS END ADAPTORFOR RJ45 PLUG 120 OHM	\$6	CP1G
VW3A8306	ATS48 CABLE-TSX SCA62	\$24	CP1G
VW3A8306R	OSITRACK - MODBUS R TERM. RJ45	\$3	DS2
VW3G22101	IP54 Nema 12 remote keypad	\$65	CP1G
VW3G22102	IP65 remote keypad	\$65	CP1G
VW3A1104R10	RJ45-RJ45 CBL FOR REMOTE LCD KYPD 1 MET	\$35	CP4C
VW3A1104R30	RJ45-RJ45 CBL FOR REMOTE LCD KYPD 3 MET	\$35	CP4C
VW3G22U400	Fan ATS22D17S6U thru D47S6U, 110V	\$65	CP1G
VW3G22U401	Fan ATS22D62S6 thru D88S6, 110V	\$65	CP1G
VW3G22U402	Fan ATS22C11S6 thru C17S6, 110V	\$75	CP1G
VW3G22400	Fan ATS22D17S6 thru D47S6, 220V	\$65	CP1G
VW3G22401	Fan ATS22D62S6thru D88S6, 220V	\$65	CP1G
VW3G22402	Fan ATS22C11S6 thru C17S6, 220V	\$75	CP1G

Enclosed Altistart 22 Soft Starters

Product Description

Enclosed Altistart 22 (ATS22) solid-state combination motor controllers are a pre-engineered, integrated solution for reduced voltage starting and soft stopping of standard three-phase asynchronous induction (squirrel cage) motors. The Enclosed 22 controllers consist of a disconnect means and an ATS22 soft starter in a stand-alone enclosure. Enclosed 22 controllers integrate the ATS22 soft start technology into a combination package for application requirements up to 125 hp at 480 V.



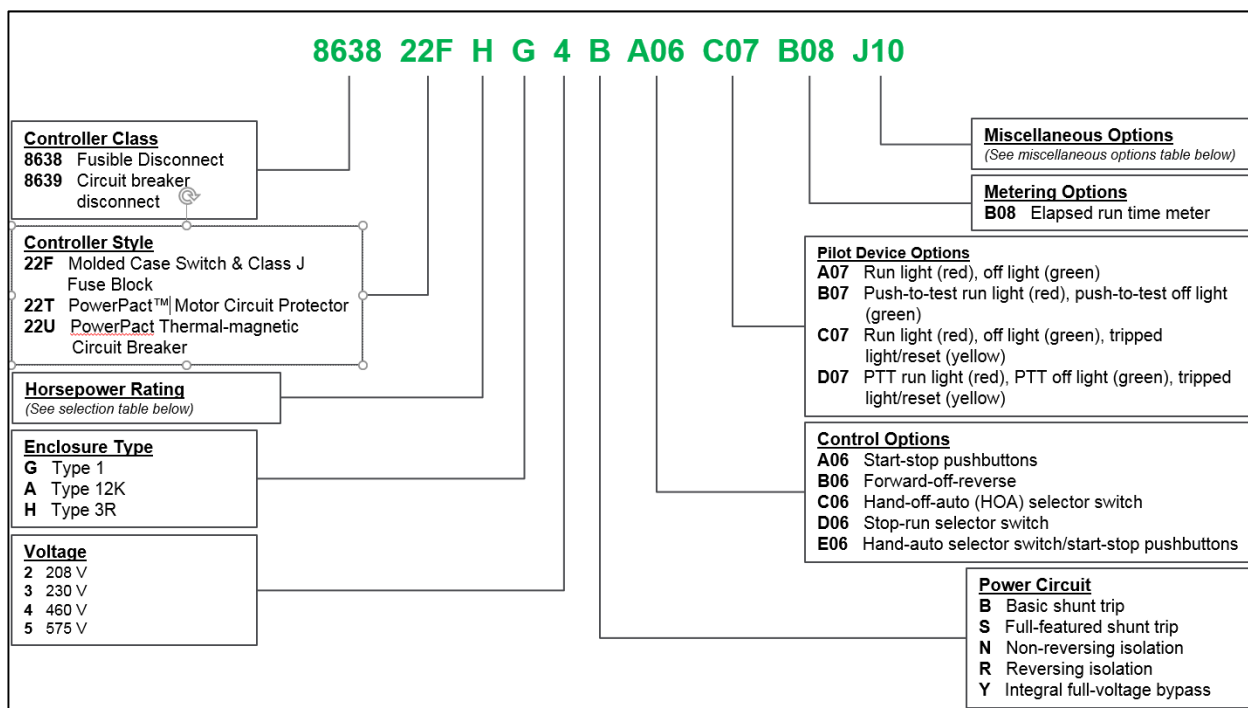
Useful Links:

[Link to eCatalog](#)

[Link to User Manual](#)

[Link to Website](#)

Part Number Description – Enclosed ATS22 Soft Starter



Price Tables – Enclosed ATS22**Enclosed Altistart 22 Motor Controllers with Circuit Breaker**

60 Hz, Three-Phase, 208/230/460/575 Volts—Standard Duty (40 °C)

Maximum Horsepower				List Price - Circuit Breaker Power Option - Type 1 Enclosure					Enclosure Type Adders	
				Basic Shunt Trip - Power Circuit B	Full-featured Shunt Trip - Power Circuit S	Non-Reversing Isolation - Power Circuit N	Reversing Isolation - Power Circuit R	Integral full-voltage bypass - Power Circuit Y	Type 12K - Option A	Type 3R - Option H
208 V	230 V	460 V	575 V							
3	5	10	15	\$1,400	\$1,628	\$1,822	\$2,100	\$2,190	\$160	\$650
5	7.5	15	20	\$1,600	\$1,870	\$2,102	\$2,400	\$2,490	\$160	\$650
7.5	10	20	25	\$1,800	\$2,090	\$2,336	\$2,677	\$2,780	\$160	\$650
10	-	25	30	\$1,962	\$2,286	\$2,563	\$2,930	\$3,030	\$160	\$650
-	15	30	40	\$2,124	\$2,464	\$2,753	\$3,130	\$3,280	\$160	\$750
15	20	40	50	\$2,450	\$2,832	\$3,154	\$3,640	\$3,750	\$240	\$750
20	25	50	60	\$3,226	\$3,683	\$4,061	\$4,624	\$4,825	\$240	\$750
25	30	60	75	\$3,645	\$4,146	\$4,557	\$5,189	\$5,400	\$240	\$1,200
30	40	75	100	\$3,944	\$4,489	\$4,938	\$5,623	\$5,888	\$360	\$1,200
40	50	100	125	\$4,815	\$5,438	\$5,942	\$6,710	\$7,000	\$360	\$1,200
50	60	125	150	\$5,673	\$6,400	\$6,990	\$7,895	\$8,150	\$360	\$1,200
60	75	150	200	\$6,530	\$7,391	\$7,937	\$8,933	\$9,203	\$510	\$1,650
75	100	200	250	\$7,387	\$8,361	\$8,927	\$10,047	\$10,337	\$510	\$1,650
100	125	250	300	\$8,336	\$9,310	\$10,192	\$11,470	\$11,775	\$510	\$1,650
125	150	300	350	\$8,878	\$10,030	\$11,181	\$12,563	\$12,880	\$735	\$2,350
150*	-	350	400	\$9,498	\$10,751	\$12,170	\$13,656	\$13,986	\$735	\$2,350
-	200	400	500	\$10,740	\$12,157	\$13,863	\$15,602	\$15,947	\$735	-

Enclosed Altistart 22 Motor Controllers with Fusible Disconnect

60 Hz, Three-Phase, 208/230/460/575 Volts—Standard Duty (40 °C)

Maximum Horsepower				List Price - Fusible Disconnect Power Option - Type 1 Enclosure				Enclosure Type Adders	
				Full-featured Shunt Trip - Power Circuit S	Non-Reversing Isolation - Power Circuit N	Reversing Isolation - Power Circuit R	Integral full-voltage bypass - Power Circuit Y	Type 12 - Option A	Type 3R - Option H
208 V	230 V	460 V	575 V						
3	5	10	15	\$1,705	\$1,899	\$2,177	\$2,267	\$2,190	\$450
5	7.5	15	20	\$1,950	\$2,182	\$2,480	\$2,570	\$2,490	\$450
7.5	10	20	25	\$2,178	\$2,424	\$2,765	\$2,868	\$2,780	\$450
10	-	25	30	\$2,380	\$2,657	\$3,024	\$3,124	\$3,030	\$450
-	15	30	40	\$2,558	\$2,847	\$3,224	\$3,374	\$3,280	\$550
15	20	40	50	\$2,940	\$3,262	\$3,748	\$3,858	\$3,750	\$550
20	25	50	60	\$3,826	\$4,204	\$4,767	\$4,968	\$4,825	\$550
25	30	60	75	\$4,307	\$4,718	\$5,350	\$5,561	\$5,400	\$1,000
30	40	75	100	\$4,663	\$5,112	\$5,797	\$6,062	\$5,888	\$1,000
40	50	100	125	\$5,624	\$6,128	\$6,896	\$7,186	\$7,000	\$1,000
50	60	125	150	\$6,619	\$7,209	\$8,114	\$8,369	\$8,150	\$1,000
60	75	150	200	\$7,620	\$8,183	\$9,210	\$9,480	\$9,203	\$1,450
75	100	200	250	\$8,620	\$9,203	\$10,358	\$10,628	\$10,337	\$1,450
100	125	250	300	\$9,598	\$10,507	\$11,825	\$12,095	\$11,775	\$1,450
125	150	300	350	\$10,340	\$11,508	\$12,952	\$13,222	\$12,880	\$1,900
150*	-	350	400	\$11,083	\$12,509	\$14,078	\$14,348	\$13,986	\$1,900
-	200	400	500	\$12,532	\$14,292	\$16,085	\$16,355	\$15,947	-

Price Tables – Enclosed ATS22 Options

Control Options (pick one)		
<u>Code</u>	<u>Description</u>	<u>Price</u>
A06	Start/Stop push buttons	\$132
	Provides black start and red stop push buttons (3-wire control scheme).	
B06	Forward-Off-Reverse selector switch	\$240
	Provides three-position selector switch to select between forward, off and reverse. Uses 2-wire control.	
C06	Hand-Off-Auto selector switch	\$132
	Provides a three-position selector switch, 2-wire control scheme.	
D06	Stop-Run selector switch	\$132
	Provides a two-position selector switch.	
E06	Hand-Auto selector switch and Start/Stop push buttons	\$264
	Provides a two-position selector switch and start/stop push buttons (3-wire control).	

Pilot Light Cluster Options (pick one)		
<u>Code</u>	<u>Description</u>	<u>Price</u>
A07	Pilot light cluster #1	\$180
	Consists of red "RUN" and green "OFF" pilot lights. Provides standard red "RUN (ON)" and green "OFF" pilot lights for status annunciation.	
B07	Pilot light cluster #2	\$360
	Consists of red "RUN" (push-to-test) and green "OFF" (push-to-test) pilot lights. Provides push-to-test type red "RUN (ON)" and standard green "OFF" pilot lights for status annunciation.	
C07	Pilot light cluster #3	\$270
	Consists of red "RUN", green "OFF" and yellow "FAULT" pilot lights. Provides standard red "RUN (ON)" green "OFF" and yellow "FAULT" pilot lights for status annunciation.	
D07	Pilot light cluster #4	\$540
	Consists of red "RUN (ON)" (push-to-test), green "OFF" (push-to-test) and yellow "FAULT" (push-to-reset) pilot lights. Provides push-to-test type red "RUN (ON)" standard green "OFF", and push-to-reset type yellow "FAULT" for status annunciation.	

Meter Display Options (pick one)		
<u>Code</u>	<u>Description</u>	<u>Price</u>
B08	Elapsed time meter	\$348
	Provides a seven-digit analog, non-resettable elapsed run time meter. Not available on Type 3R Enclosures	

Miscellaneous Options begin on next page...

Miscellaneous Options (Multiple compatible options may be selected)		
Code	Description	Price
A10	Floor mounting kit	\$105
	Only available for size D enclosures. <i>Rules: Available for power options S05, N05, R05, Y05.</i>	
B10	150 VA additional control power capacity	\$150
	Provides 150 VA additional control VA capacity for customer use.	
C10	Power up on delay (start relay)	\$150
	Provides an electronic time delay relay adjustable from 0.1 to 60 seconds. Relay is pre-wired to inhibit start for users set delay time upon power-up of control.	
D10	Emergency stop push button	\$140
	Provides a push-button for immediate removal of all power.	
E10	“cUL” label	\$200
	Provides a Canadian Underwriters Laboratories label when required by local code requirements.	
F10	Auxiliary contacts for run mode	\$550
	Provides one Form A, normally open (N.O.) contact rated 5 A at 120 Vac to the terminal blocks for customer use. The contact closes when the controller is applying power to the motor.	
G10	Auxiliary contacts for full voltage bypass run mode	\$550
	Provides 1 Form C contact rated 5 A @ 120 Vac (8501 Type R relay or equivalent) wired to terminal blocks for customer use. Contacts change state when motor is operated across the line with full voltage by bypass starter. <i>Rules: Must use Power Circuit N or R (line isolation) contactor combination.</i>	
H10	Auxiliary contacts for auto mode	\$550
	Provides one Form A, normally open (N.O.) contact rated 5 A @120 Vac to the terminal blocks for user use. The contact closes when the controller is placed in Auto (remote) mode. <i>Rules: MOD C06 (Hand-Off-Auto selector switch) or E06 (Hand-Auto selector switch) must be specified.</i>	
J10	Auxiliary contacts for trip status	\$650
	Provides one Form A, normally open (N.O.) contact rated 5 A @120 Vac to the terminal blocks for user use. The contact closes when the controller has tripped.	
L10	ID engraved nameplates	\$50
	Provides a lamacold nameplate, engraved with equipment designation.	
M10	Spare terminal blocks	\$340
	Provides up to 10 spare terminal blocks unwired for customer use. Since Phoenix style terminal blocks will be used, extra terminal points will be provided as standard 20 terminal points are available as standard for all control wiring (including any additional customer spare terminal points).	
P10	Permanent wire markers	\$1,400
	Provides a permanent sleeve type wire marker on control wiring assemblies	
R10	MOV/Surge arrester (custom engineered option)	\$450
	Provides supplementary MOV protection using a Class 6671 SDSA3650 Surgebreaker™ Secondary Surge Arrester hardwired and factory mounted.	
U10	Omit door mounted keypad display	-\$50
	Omits the door-mounted keypad display. A keypad closing plate and gasket are provided on the door. <i>Rules: To program the ATS22soft starter with Modbus communication, refer to the ATS22 User Manual, BBV51330.</i>	
V10	OSHPD Seismic Certification	\$400
	This option provides special labels and documents to comply with the seismic requirements of the California Office of Statewide Planning and Development (OSHPD). Refer to 30072-454-87, <i>Seismic Qualification of Enclosed Drives and Soft Starters</i> , for additional information.	
X10	50° Degrees C operation	\$125
	Provides extended range high ambient equipment rating above 40 °C (104 °F) to a maximum of 50 °C (122 °F) without de-rating. <i>Rules: Standard on Type 3R enclosures.</i>	
Y10	Seismic qualification label	\$450
	Provides a self-certified identification label with compliance to 2000 IBC, NFPA 5000, 2001 CBC, 1997 UBC, 1999 NBC, 1999SBC, ASCE-7 02 seismic qualification certification. The label criteria will be uniform for all enclosed products. Enclosures shall contain additional bracing as defined by the seismic qualification certification criteria.	
Z10	Service Entrance Rating	\$185
	Provides a UL869A approved insulated ground neutral lug assembly, mounting bracket with bonded enclosure ground wire suitable for use as service entrance equipment. <i>Rules: Service Entrance Rating is not available with the Mod E10 (cUL Label).</i>	

Altistart 48 Soft Starters

Product Description

The Altistart 48 soft starter offers advanced electronic soft start - soft stop performance and a six thyristor power configuration to provide smooth torque-controlled acceleration and deceleration for three-phase asynchronous motors between 2 - 1200 HP (3 - 900 kW). The Altistart 48 is rated for three-phase voltages 208 to 690 V, 50/60 Hz, and for normal and heavy duty applications.



Useful Links:

[Link to eCatalog](#)

[Link to User Manual](#)

[Link to Website](#)

Price Tables – ATS48 Soft Starters

Part No.	Description	List Price	Discount Schedule
Normal and Heavy duty applications, 208...690 V supply			
ATS48D17Y	SOFT START 208-690VAC 17A ATS48	\$819	CP1G
ATS48D22Y	SOFT START 208-690VAC 22AMP ATS48	\$851	CP1G
ATS48D32Y	SOFT START 208-690VAC 32A ATS48	\$882	CP1G
ATS48D38Y	SOFT START 208-690VAC 38A ATS48	\$945	CP1G
ATS48D47Y	SOFT START 208-690VAC 47A ATS48	\$997	CP1G
ATS48D62Y	SOFT START 208-690VAC 62A ATS48	\$1,260	CP1G
ATS48D75Y	SOFT START 208-690VAC 75A ATS48	\$1,344	CP1G
ATS48D88Y	SOFT START 208-690VAC 88A ATS48	\$1,575	CP1G
ATS48C11Y	SOFT START 208-690VAC 110AMP ATS48	\$1,785	CP1G
ATS48C14Y	SOFT START 208-690VAC 140A ATS48	\$2,205	CP1G
ATS48C17Y	SOFT START 208-690VAC 170A ATS48	\$2,415	CP1G
ATS48C21Y	SOFT START 208-690VAC 210A ATS48	\$2,730	CP1G
ATS48C25Y	SOFT START 208-690VAC 250AMP ATS48	\$3,045	CP1G
ATS48C32Y	SOFT START 208-690VAC 320AMP ATS48	\$3,630	CP1G
ATS48C41Y	SOFT START 208-690VAC 410A ATS48	\$4,290	CP1G
ATS48C48Y	SOFT START 208-690VAC 480AMP ATS48	\$5,405	CP1G
ATS48C59Y	SOFT START 208-690VAC 590AMP ATS48	\$6,210	CP1G
ATS48C66Y	SOFT START 208-690VAC 660A ATS48	\$7,440	CP1G
ATS48C79Y	SOFT START 208-690VAC 790A ATS48	\$8,640	CP1G
ATS48M10Y	SOFT START 208-690VAC 1000A ATS48	\$10,320	CP1G
ATS48M12Y	SOFT START 208-690VAC 1200A ATS48	\$12,720	CP1G

ATS48 Options and Accessories

Part No.	Description	List Price	Discount Schedule
LA9F702	CONTACTOR SHROUD IEC	\$61	I12
LA9F703	CONTACTOR SHROUD IEC	\$82	I12
LUF9	DEVICENET/MODBUS GATEWAY	\$1,490	I11
TCSMCNAM3M002P	USB to RS485 cordset (RJ45 plug)	\$52	CP4C
TCSWAAC13FB	UNIVERSAL BLUETOOTH INTERFACE	\$180	PC41
VW3A8115	PC USB BlueTooth Adapter	\$110	CP4B
VW3A8121	MULTI-LOADER	\$350	CP4B
VW3A8306R03	RJ45-RJ45 CABLE 1/3 METER	\$20	CP1G
VW3A8306R10	RJ45-RJ45 CABLE 1 METER	\$25	CP1G
VW3A8306R30	RJ45-RJ45 CABLE 3 METER	\$30	CP1G
VW3A8306TF03	RJ45 T-CABLE 1/3 METER	\$75	CP1G
VW3A8306TF10	RJ45 T-CABLE 1 METER	\$85	CP1G
VW3G48101	REMOTE MOUNT KEYPAD (ATS48)	\$165	CP1G

Enclosed Altistart 48 Soft Starters

Product Description

Enclosed Altistart 48 Soft Starts (Enclosed 48) are available from 11 to 604 amperes in Type 1, 12 and 3R enclosures. The Enclosed 48 soft starter can provide soft starting (reduced voltage) and stopping with deceleration control with machine and motor protection of standard NEMA® Design B squirrel cage asynchronous motors in the following ranges:

- 3–200 hp, 208 V
- 5–250 hp, 230 V
- 10–500 hp, 460 V
- 15–600 hp, 575 V



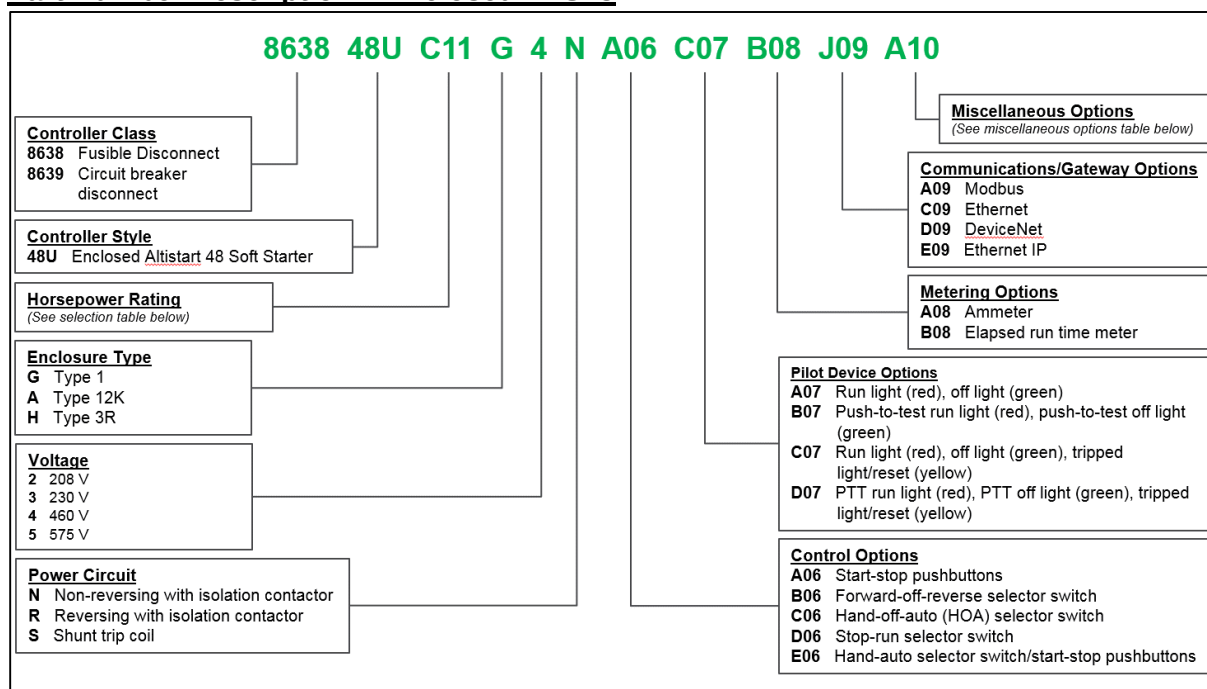
Useful Links:

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[Link to Website](#)

Part Number Description – Enclosed ATS48



Price Tables – Enclosed ATS48**Enclosed Altistart 48 Motor Controllers with Circuit Breaker Disconnect**

60 Hz, Three-Phase, 208/230/460 Volts—AC3 Duty

Maximum Horsepower					HP Code	Enclosure Size	List Price - Circuit Breaker Power Option - Type 1 Enclosure			Enclosure Type Adders	
							Non-reversing with isolation contactor - Power Circuit N	Reversing with isolation contactor - Power Circuit R	Shunt trip coil - Power Circuit S	Type 12 - Option A	Type 3R - Option H
208 V	230 V	460 V	575 V								
3	5	10		D17	A		\$2,856	\$3,227	\$2,499	\$200	\$750
5	7.5	15		D22			\$3,034	\$3,429	\$2,588	\$200	\$750
7.5	10	20		D32			\$3,302	\$3,731	\$2,856	\$200	\$750
10	—	25		D38			\$3,552	\$4,013	\$3,034	\$200	\$750
—	15	30		D47			\$3,552	\$4,013	\$3,034	\$200	\$750
15	20	40		D62	B		\$4,055	\$4,582	\$3,500	\$300	\$1,200
20	25	50		D75			\$5,156	\$5,826	\$4,609	\$300	\$1,200
25	30	60		D88			\$5,762	\$6,511	\$5,207	\$300	\$1,200
30	40	75		C11	C		\$6,248	\$7,061	\$5,634	\$300	\$1,200
40	50	100		C14			\$6,596	\$7,453	\$6,019	\$450	\$1,750
50	60	125		C17	D		\$7,750	\$8,758	\$7,091	\$450	\$1,750
60	75	150		C21			\$8,797	\$9,941	\$8,163	\$600	\$2,200
75	100	200		C25			\$9,894	\$1,118	\$9,234	\$600	\$2,200
100	125	250		C32	E		\$11,296	\$12,764	\$10,282	\$600	\$2,200
125	150	300		C41			\$11,524	\$13,022	\$10,597	\$825	\$2,900
150	—	350		C48			\$13,448	\$15,196	\$11,873	\$825	\$2,900
—	200	400		C59			\$15,365	\$17,362	\$13,425	\$825	\$2,900
200	250	500		C66			\$18,352	\$20,738	\$15,986	\$825	\$2,900

Enclosed Altistart 48 Motor Controllers with Fusible Disconnect

60 Hz, Three-Phase, 208/230/460/575 Volts—AC3 Duty

Maximum Horsepower					HP Code	Enclosure Size	List Price - Fusible Disconnect Power Option - Type 1 Enclosure			Enclosure Type Adders	
							Non-reversing with isolation contactor - Power Circuit N	Reversing with isolation contactor - Power Circuit R	Shunt trip coil - Power Circuit S	Type 12 - Option A	Type 3R - Option H
208 V	230 V	460 V	575 V								
3	5	10	15	D17	A		\$2,944	\$3,327	\$2,576	\$200	\$750
5	7.5	15	20	D22			\$3,128	\$3,535	\$2,668	\$200	\$750
7.5	10	20	25	D32			\$3,404	\$3,847	\$2,944	\$200	\$750
10	—	25	30	D38			\$3,662	\$4,138	\$3,128	\$200	\$750
—	15	30	40	D47			\$3,662	\$4,138	\$3,128	\$200	\$750
15	20	40	50	D62	B		\$4,180	\$4,723	\$3,608	\$300	\$1,200
20	25	50	60	D75			\$5,315	\$6,006	\$4,752	\$300	\$1,200
25	30	60	75	D88			\$5,940	\$6,712	\$5,368	\$300	\$1,200
30	40	75	100	C11	C		\$6,442	\$7,279	\$5,808	\$300	\$1,200
40	50	100	125	C14			\$6,800	\$7,684	\$6,205	\$450	\$1,750
50	60	125	150	C17	D		\$7,990	\$9,029	\$7,310	\$450	\$1,750
60	75	150	200	C21			\$9,070	\$10,249	\$8,415	\$600	\$2,200
75	100	200	250	C25			\$10,200	\$11,526	\$9,520	\$600	\$2,200
100	125	250	300	C32	E		\$11,645	\$13,159	\$10,600	\$600	\$2,200
125	150	300	350	C41			\$11,880	\$13,424	\$10,925	\$825	\$2,900
150	—	350	400	C48			\$13,864	\$15,666	\$12,240	\$825	\$2,900
—	200	400	500	C59			\$15,840	\$17,899	\$13,840	\$825	\$2,900
200	250	500	600	C66			\$18,920	\$21,380	\$16,480	\$825	\$2,900

Price Tables – Enclosed ATS48 Options

Control Options (pick one)		
<u>Code</u>	<u>Description</u>	<u>Price</u>
A06	Start/Stop push buttons	\$132
	Provides black start and red stop push buttons (3-wire control scheme). <i>Rules: Not available on Power Circuit R (Reversing).</i>	
B06	Forward-Off-Reverse selector switch	\$240
	Provides three-position selector switch to select between forward, off and reverse. Uses 2-wire control. <i>Rules: Available for Power Circuit R (Reversing) configurations only.</i>	
C06	Hand-Off-Auto selector switch	\$132
	Provides a three-position selector switch, 2-wire control scheme. <i>Rules: Not available on Power Circuit R (Reversing).</i>	
D06	Stop-Run selector switch	\$132
	Provides a two-position selector switch. <i>Rules: Not available on Power Circuit R (Reversing).</i>	
E06	Hand-Auto selector switch and Start/Stop push buttons	\$264
	Provides a two-position selector switch and start/stop push buttons (3-wire control). <i>Rules: Not available on Power Circuit R (Reversing).</i>	

Pilot Light Cluster Options (pick one)		
<u>Code</u>	<u>Description</u>	<u>Price</u>
A07	Pilot light cluster #1	\$180
	Consists of red "RUN" and green "OFF" pilot lights. Provides standard red "RUN (ON)" and green "OFF" pilot lights for status annunciation.	
B07	Pilot light cluster #2	\$360
	Consists of red "RUN" (push-to-test) and green "OFF" (push-to-test) pilot lights. Provides push-to-test type red "RUN (ON)" and standard green "OFF" pilot lights for status annunciation.	
C07	Pilot light cluster #3	\$270
	Consists of red "RUN", green "OFF" and yellow "FAULT" pilot lights. Provides standard red "RUN (ON)" green "OFF" and yellow "FAULT" pilot lights for status annunciation. <i>Rules: Not available with Power Circuit S (Shunt Trip).</i>	
D07	Pilot light cluster #4	\$540
	Consists of red "RUN (ON)" (push-to-test), green "OFF" (push-to-test) and yellow "FAULT" (push-to-reset) pilot lights. Provides push-to-test type red "RUN (ON)" standard green "OFF", and push-to-reset type yellow "FAULT" for status annunciation. <i>Rules: Not available on Power Circuit S (Shunt Trip).</i>	

Meter Display Options (pick one)		
<u>Code</u>	<u>Description</u>	<u>Price</u>
A08	Ammeter	\$1,188
	Provides a single-phase ammeter fed from the ATS48 analog output. Dial is in percent of device rated current. <i>Rules: Not available on Type 3R Enclosed.</i>	
B08	Elapsed time meter	\$348
	Provides a seven-digit analog, non-resettable elapsed run time meter. <i>Rules: Not available on Type 3R Enclosed.</i>	

Communications/Gateway Options (pick one)		
Factory installed communication features shall be available as a custom engineered option utilizing the RJ45 communications port for control and annunciation of the soft start in "link" mode.		
Code	Description	Price
A09	Modbus™	\$1,500
	Provides Modbus communications (native protocol)	
C09	Ethernet	\$1,500
	Provides Ethernet gateway communications protocol.	
D09	DeviceNet™	\$1,500
	Provides DeviceNet gateway communications protocol.	
E09	Ethernet IP	\$2,000
	Provides Ethernet IP gateway communications protocol.	

Miscellaneous Options (Multiple compatible options may be selected)		
Code	Description	Price
A10	Full Voltage Bypass	
	Provides an AC3 duty rated bypass/shorting contactor, normal/bypass selector switch, Class 20 bi-metal motor OL relay, door mounted OL reset push-button for across the line starting capability. <i>Rules: Only available for Power Circuit N (Non-Reversing). Not available with Power Circuit S (Shunt Trip) SCR fault isolation scheme.</i>	
	Enclosure Size A adder:	
	Enclosure Size B adder:	
	Enclosure Size C adder:	
	Enclosure Size D adder:	
	Enclosure Size E adder:	
B10	150 VA additional control power capacity	\$150
	Provides 150 VA additional control VA capacity for customer use.	
C10	Power up ON delay (start relay)	\$150
	Provides an electronic time delay relay adjustable from 0.1 to 60 seconds. Relay is pre-wired to inhibit start for users set delay time upon power-up of control power circuit. <i>Rules: Only available on 2-wire control circuits.</i>	
D10	Emergency stop push button	\$140
	Provides a push-button for immediate removal of all power. <i>Rules: Requires Power Circuit S (Shunt Trip).</i>	
E10	"cUL" label	\$200
	Provides a Canadian Underwriters Laboratories label when required by local code requirements.	
F10	Auxiliary contacts for run mode	\$550
	Provides 1 Form 'C' contact rated 5 A @ 120 Vac (8501 Type R relay or equivalent) wired to terminal blocks for customer use. Contacts change state when soft start is sending current to the motor. Controlled by the R3 relay programmed for "rnl".	
G10	Auxiliary contacts for full voltage bypass run mode	\$550
	Provides 1 Form 'C' contact rated 5 A @ 120 Vac (8501 Type R relay or equivalent) wired to terminal blocks for customer use. Contacts change state when motor is operated across the line with full voltage bypass starter. <i>Rules: MOD A10 (Full Voltage Bypass) must be selected. Must use Power Circuit N or R (line isolation contactor combination). Not compatible with Power Circuit S (Shunt Trip).</i>	
H10	Auxiliary contacts for auto mode	\$550
	Provides an auxiliary starter mode (auto) contact that will energize a relay with 1 Form 'C' contact rated 5 A @ 120 Vac (8501 Type Relay or equivalent) wired to terminal blocks for customer use. <i>Rules: MOD C06 (Hand-Off-Auto selector switch) or E06 (Hand-Auto selector switch) must be specified.</i>	
J10	Auxiliary contacts for fault mode	\$650
	Provides an auxiliary starter mode (auto) contact that will energize a relay with 1 Form 'C' contact rated 5 A @ 120 Vac (8501 Type Relay or equivalent) wired to terminal blocks for customer use.	

K10	Motor space heater provisions (custom engineered option)	\$640
	Provides control circuit contacts, 120 V, 150–500 kW supply and fusing, wired to terminals (9080 GM6)	
L10	ID engraved nameplates	\$50
	Provides a lamacoid nameplate, engraved with equipment designation.	
M10	Spare terminal blocks	\$340
	Provides up to 10 spare terminal blocks unwired for customer use. Since Phoenix style terminal blocks will be used, extra terminal points will be provided as standard. 20 terminal points are available as standard for all control wiring (including any additional customer spare terminal points).	
P10	Permanent wire markers	\$1,400
	Provides a permanent sleeve type wire marker on control wiring assemblies	
Q10	ANSI #61 painted enclosure (custom engineered option)	\$375
	Option to configure the enclosure paint scheme to standard ANSI #61 paint instead of ANSI #49 paint.	
R10	MOV/Surge arrestor (custom engineered option)	\$450
	Provides supplementary MOV protection using a Class 6671 SDSA3650 Surgebreaker™ Secondary Surge Arrestor hardwired and factory mounted.	
S10	Dual motor overloads and branch circuit protection (custom engineered option)	
	Provides dual-rated motor OLS rated equally, one-half the hp of the selected starter. Motor branch short circuit protection is provided per NEC™. Maximum total current rating of the combined motors not to exceed the continuous current rating of the starter package. <i>Rules: Available on Class 8639 circuit breaker disconnect configurations only.</i>	
	Enclosure Size A adder:	
	Enclosure Size B adder:	
	Enclosure Size C adder:	
	Enclosure Size D adder:	
	Enclosure Size E adder:	
U10	Omit door mounted keypad display	-\$50
	Removes the keypad display from outside the enclosure door. The keypad on the ATS48 soft start can be used for programming and commissioning. <i>Rules: Only for Type 3R size D and E enclosures.</i>	
V10	OSHPD Seismic Certification	\$400
	This option provides special labels and documents to comply with the seismic requirements of the California Office of Statewide Planning and Development (OSHPD). Refer to 30072-454-87, <i>Seismic Qualification of Enclosed Drives and Soft Starters</i> , for additional information.	
W10	NEMA® style contactors (custom engineered option)	
	Provides horsepower rated NEMA rated contactors instead of AC3 rated IEC TeSys™ or F-line contactors. <i>Rules: Not available with Power Circuit R (Reversing) or MOD A10 (Full voltage bypass)</i>	
	Enclosure Size A adder:	
	Enclosure Size B adder:	
	Enclosure Size C adder:	
	Enclosure Size D adder:	
	Enclosure Size E adder:	
X10	50° Degrees C operation	\$125
	Provides extended range high ambient equipment rating above 40 °C (104 °F) to a maximum of 50 °C (122 °F) without de-rating. <i>Rules: Standard on Type 3R enclosures.</i>	
Y10	Seismic qualification label	\$450
	Provides a self-certified identification label with compliance to 2000 IBC, NFPA™ 5000, 2001 CBC, 1997 UBC, 1999 NBC, 1999SBC, ASCE-7 02 seismic qualification/certification. Label criteria will be uniform for all enclosed products. Enclosures shall contain additional bracing as defined by the seismic qualification/certification criteria. <i>Rules: Not available for Enclosure Sizes A–C (wall mounted enclosures).</i>	
Z10	Service Entrance Rating	\$185
	Provides a UL869A approved insulated ground neutral lug assembly, mounting bracket with bonded enclosure ground wire suitable for use as service entrance equipment. <i>Rules: Service Entrance Rating only available for 3R enclosures and not available with Model E10 (cUL Label).</i>	
610	100k Circuit Breaker Rating	\$2,000
	Only available: 208 V, 125–200 hp 230 V, 150–250 hp 460 V, 300–500 hp	

Altivar 12 Variable Speed Drives

Product Description

The Altivar 12 is the smallest variable speed drive on the market designed especially for compact machinery. The Altivar 12 drives extend across a range of motor power ratings from 0.25 to 5 HP (0.18 to 5 kW) and a combination of single and three-phase voltage ratings from 115V to 230V.



Useful Links:

[Link to eCatalog](#)

[Link to User Manual](#)

[Link to Website](#)

Price Tables – ATV12 Drives

Drives with heatsink			
Part No.	Description	List Price	Discount Schedule
Single-phase supply voltage: 100...120 V 50/60 Hz			
ATV12H018F1	AC Drive, 0.25 HP, 115v in, 230v out	\$185	CP4B
ATV12H037F1	AC Drive, 0.5 HP, 115v in, 230v out	\$192	CP4B
ATV12H075F1	AC Drive, 1 HP, 115v in, 230v out	\$224	CP4B
Single-phase supply voltage: 200...240 V 50/60 Hz			
ATV12H018M2	AC Drive, 0.25 HP, 230v 1 phase in, 230v out	\$185	CP4B
ATV12H037M2	AC Drive, 0.5 HP, 230v 1 phase in, 230v out	\$192	CP4B
ATV12H055M2	AC Drive, 0.75 HP, 230v 1 phase in, 230v out	\$205	CP4B
ATV12H075M2	AC Drive, 1 HP, 230v 1 phase in, 230v out	\$224	CP4B
ATV12HU15M2	AC Drive, 2 HP, 230v 1 phase in, 230v out	\$291	CP4B
ATV12HU22M2	AC Drive, 3 HP, 230v 1 phase in, 230v out	\$349	CP4B
Three-phase supply voltage: 200...240 V 50/60 Hz			
ATV12H018M3	AC Drive, 0.25 HP, 230v 3 phase in, 230v out	\$169	CP4B
ATV12H037M3	AC Drive, 0.5 HP, 230v 3 phase in, 230v out	\$176	CP4B
ATV12H075M3	AC Drive, 1 HP, 230v 3 phase in, 230v out	\$206	CP4B
ATV12HU15M3	AC Drive, 2 HP, 230v 3 phase in, 230v out	\$267	CP4B
ATV12HU22M3	AC Drive, 3 HP, 230v 3 phase in, 230v out	\$320	CP4B
ATV12HU30M3	AC Drive, 3kW 230v 3 phase in, 230v out	\$371	CP4B
ATV12HU40M3	AC Drive, 5 HP, 230v 3 phase in, 230v out	\$436	CP4B
Drives on a base plate			
Single-phase supply voltage: 100...120 V 50/60 Hz			
ATV12H018F1	AC Drive, 0.25 HP, 115v in, 230v out	\$185	CP4B
ATV12P037F1	ac drive,baseplate1 hp 115v 1phase	\$192	CP4B
Single-phase supply voltage: 200...240 V 50/60 Hz			
ATV12H018M2	AC Drive, 0.25 HP, 230v 1 phase in, 230v out	\$185	CP4B
ATV12P037M2	ac drive baseplate .5 hp 230v 1 phase	\$192	CP4B
ATV12P055M2	ac drive .baseplate .75 hp 230v 1 phase in	\$205	CP4B
ATV12P075M2	ac drive baseplate,1 hp 230v 1 phase	\$224	CP4B
Three-phase supply voltage: 200...240 V 50/60 Hz			
ATV12H018M3	AC Drive, 0.25 HP, 230v 3 phase in, 230v out	\$169	CP4B
ATV12P037M3	ac drive baseplate,.5 hp, 230v 3 phase	\$176	CP4B
ATV12P075M3	ac drive baseplate 1 HP 230v 3 phase	\$206	CP4B
ATV12PU15M3	ac drive, baseplate 2 hp 230v 3 phase	\$267	CP4B
ATV12PU22M3	ac drive, baseplate 3 hp 230v 3 phase	\$320	CP4B
ATV12PU30M3	ac drive, baseplate 3 kw 230v 3 phase	\$371	CP4B
ATV12PU40M3	ac drive, baseplate 5 hp 230v 3 phase	\$436	CP4B

Altivar 12 Options and Accessories

Part No.	Description	List Price	Discount Schedule
LU9GC3	MODBUS HUB	\$312	I11
TCSMCNAM3M002P	USB to RS485 cordset (RJ45 plug)	\$52	CP4C
TCSWAAC13FB	UNIVERSAL BLUETOOTH INTERFACE	\$180	PC41
VW3A1006	ATV12 remote keypad, IP54	\$56	CP4B
VW3A1007	ATV12 remote keypad, IP65	\$56	CP4B
VW3A1104R10	RJ45-RJ45 CBL FOR REMOTE LCD KYPD 1 MET	\$35	CP4C
VW3A1104R30	RJ45-RJ45 CBL FOR REMOTE LCD KYPD 3 MET	\$35	CP4C
VW3A8115	PC USB BlueTooth Adapter	\$110	CP4B
VW3A8120	ATV31,61 and 71 Simple Loader	\$175	CP4C
VW3A8121	MULTI-LOADER	\$350	CP4B
VW3A8126	Multi-Loader Cord Set	\$30	CP4C
VW3A8306R	OSITRACK - MODBUS R TERM. RJ45	\$3	DS2
VW3A8306R03	RJ45-RJ45 CABLE 1/3 METER	\$20	CP1G
VW3A8306R10	RJ45-RJ45 CABLE 1 METER	\$25	CP1G
VW3A8306R30	RJ45-RJ45 CABLE 3 METER	\$30	CP1G
VW3A8306RC	MODBUS END ADAPTORFOR RJ45 PLUG 120 OHM	\$6	CP1G
VW3A8306TF03	RJ45 T-CABLE 1/3 METER	\$75	CP1G
VW3A8306TF10	RJ45 T-CABLE 1 METER	\$85	CP1G
VW3A9317	Altivar 12 Voltage Converter Interface	\$88	CP4B
VW3A9804	ATV12/312 DIN RAIL Mounting Plates size1	\$64	CP4B
VW3A9805	ATV12/312 DIN RAIL Mounting Plates Sz2	\$72	CP4B

Altivar 212 Variable Speed Drives

Product Description

The Altivar 212 drive is a frequency inverter for 1-100 HP, 0.75-75 kW three-phase asynchronous motors. It has been designed for the most common HVAC (Heating, Ventilation and Air Conditioning) systems.



Useful Links:

[Link to eCatalog](#)

[Link to User Manual](#)

[Link to Website](#)

Price Tables – ATV212 Drives

Part No.	Description	List Price	Discount Schedule
IP 21 drives (frequency range from 0.5 to 200 Hz)			
Three-phase supply voltage: 200...240 V 50/60 Hz, without EMC filter			
ATV212H075M3X	SPEEDDRIVE 200-240VAC 1HP,ATV212	\$447	CP4D
ATV212HU15M3X	SPEEDDRIVE 200-240VAC 2HP,ATV212	\$510	CP4D
ATV212HU22M3X	SPEEDDRIVE 200-240VAC 3HP,ATV212	\$618	CP4D
ATV212HU30M3X	SPEEDDRIVE 200-240VAC 4HP,ATV212	\$700	CP4D
ATV212HU40M3X	SPEEDDRIVE 200-240VAC 5HP,ATV212	\$725	CP4D
ATV212HU55M3X	SPEEDDRIVE 200-240VAC 7.5HP,ATV212	\$815	CP4D
ATV212HU75M3X	SPEEDDRIVE 200-240VAC 10HP,ATV212	\$963	CP4D
ATV212HD11M3X	SPEEDDRIVE 200-240VAC 15HP,ATV212	\$1,398	CP4D
ATV212HD15M3X	SPEEDDRIVE 200-240VAC 20HP, ATV212	\$1,805	CP4D
ATV212HD18M3X	SPEEDDRIVE 200-240VAC 25HP,ATV212	\$2,314	CP4D
ATV212HD22M3X	SPEEDDRIVE 200-240VAC 30HP,ATV212	\$3,125	CP4D
ATV212HD30M3X	SPEEDDRIVE 200-240VAC 40HP,ATV212	\$4,013	CP4D
Three-phase supply voltage: 380...480 V 50/60 Hz, with integrated category C2 or C3 EMC filter			
ATV212HU22N4	SPEEDDRIVE 380-480 VAC 3HP,ATV212	\$605	CP4D
ATV212HU30N4	SPEEDDRIVE 380-480 VAC 4HP,ATV212	\$675	CP4D
ATV212HU40N4	SPEEDDRIVE 380-480 VAC 5HP,ATV212	\$685	CP4D
ATV212HU55N4	SPEEDDRIVE 380-480 VAC 7.5HP,ATV212	\$795	CP4D
ATV212HU75N4	SPEEDDRIVE 380-480 VAC 10HP,ATV212	\$875	CP4D
ATV212HD11N4	SPEEDDRIVE 380-480 VAC 15HP,ATV212	\$1,187	CP4D
ATV212HD15N4	SPEEDDRIVE 380-480 VAC 20HP,ATV212	\$1,425	CP4D
ATV212HD18N4	SPEEDDRIVE 380-480 VAC 25HP,ATV212	\$1,856	CP4D
ATV212HD22N4S	SPEEDDRIVE 380-480 VAC 30HP,ATV212	\$2,289	CP4D
ATV212HD22N4	SPEEDDRIVE 380-480 VAC 30HP,ATV212	\$2,856	CP4D
ATV212HD30N4	SPEEDDRIVE 380-480 VAC 40HP,ATV212	\$3,091	CP4D
ATV212HD37N4	SPEEDDRIVE 380-480 VAC 50HP,ATV212	\$3,479	CP4D
ATV212HD45N4	SPEEDDRIVE 380-480 VAC 60HP,ATV212	\$3,998	CP4D
ATV212HD55N4	SPEEDDRIVE 380-480 VAC 75HP,ATV212	\$4,705	CP4D
ATV212HD75N4	SPEEDDRIVE 380-480 VAC 100HP,ATV212	\$5,743	CP4D
UL Type 12 / IP 55 drives (frequency range from 0.5 to 200 Hz)			
Three-phase supply voltage: 380...480 V 50/60 Hz, with integrated category C2 or C3 EMC filter			
ATV212W075N4	SPEEDDRIVE 380-480 VAC 1HP,ATV212 Type12	\$617	CP4D
ATV212WU15N4	SPEEDDRIVE 380-480 VAC 2HP,ATV212 Type12	\$694	CP4D
ATV212WU22N4	SPEEDDRIVE 380-480 VAC 3HP,ATV212 Type12	\$747	CP4D
ATV212WU30N4	SPEEDDRIVE 380-480 VAC 4HP,ATV212 Type12	\$792	CP4D
ATV212WU40N4	SPEEDDRIVE 380-480 VAC 5HP,ATV212 Type12	\$829	CP4D
ATV212WU55N4	SPEEDDRIVE 380-480 VAC 7.5HP,ATV212 Type12	\$1,070	CP4D
ATV212WU75N4	SPEEDDRIVE 380-480 VAC 10HP,ATV212 Type12	\$1,208	CP4D
ATV212WD11N4	SPEEDDRIVE 380-480 VAC 15HP,ATV212 Type12	\$1,456	CP4D
ATV212WD15N4	SPEEDDRIVE 380-480 VAC 20HP,ATV212 Type12	\$1,668	CP4D

Part No.	Description	List Price	Discount Schedule
UL Type 12 / IP 55 drives (frequency range from 0.5 to 200 Hz)			
Three-phase supply voltage: 380...480 V 50/60 Hz, with integrated category C2 or C3 EMC filter			
ATV212WD18N4	SPEEDDRIVE 380-480 VAC 25HP,ATV212 Type12	\$2,219	CP4D
ATV212WD22N4	SPEEDDRIVE 380-480 VAC 30HP,ATV212 Type12	\$2,990	CP4D
ATV212WD30N4	SPEEDDRIVE 380-480 VAC 40HP,ATV212 Type12	\$3,204	CP4D
ATV212WD37N4	SPEEDDRIVE 380-480 VAC 50HP,ATV212 Type12	\$3,623	CP4D
ATV212WD45N4	SPEEDDRIVE 380-480 VAC 60HP,ATV212 Type12	\$4,448	CP4D
ATV212WD55N4	SPEEDDRIVE 380-480 VAC 75HP,ATV212 Type12	\$5,038	CP4D
ATV212WD75N4	SPEEDDRIVE 380-480 VAC100HPATV212 Type12	\$6,115	CP4D
Three-phase supply voltage: 380...480 V 50/60 Hz, with integrated category C1 filter			
ATV212W075N4C	SPEEDDRIVE 480 VAC 1HP,ATV212 Type12 EMC B	\$802	CP4D
ATV212WU15N4C	SPEEDDRIVE 480 VAC 2HP,ATV212 Type12 EMC B	\$902	CP4D
ATV212WU22N4C	SPEEDDRIVE 480 VAC 3HP,ATV212 Type12 EMC B	\$971	CP4D
ATV212WU30N4C	SPEEDDRIVE 480 VAC 4HP,ATV212 Type12 EMC B	\$1,030	CP4D
ATV212WU40N4C	SPEEDDRIVE 480 VAC 5HP,ATV212 Type12 EMC B	\$1,078	CP4D
ATV212WU55N4C	SPEEDDRIVE 480 VAC 7.5HP,ATV212 Type12 EMC B	\$1,391	CP4D
ATV212WU75N4C	SPEEDDRIVE 480 VAC 10HP,ATV212 Type12 EMC B	\$1,570	CP4D
ATV212WD11N4C	SPEEDDRIVE 480 VAC 15HP,ATV212 Type12 EMC B	\$1,907	CP4D
ATV212WD15N4C	SPEEDDRIVE 480 VAC 20HP,ATV212 Type12 EMC B	\$2,168	CP4D
ATV212WD18N4C	SPEEDDRIVE 480 VAC 25HP,ATV212 Type12 EMC B	\$2,885	CP4D
ATV212WD22N4C	SPEEDDRIVE 480 VAC 30HP,ATV212 Type12 EMC B	\$3,522	CP4D
ATV212WD30N4C	SPEEDDRIVE 480 VAC 40HP,ATV212 Type12 EMC B	\$4,166	CP4D
ATV212WD37N4C	SPEEDDRIVE 480 VAC 50HP,ATV212 Type12 EMC B	\$4,710	CP4D
ATV212WD45N4C	SPEEDDRIVE 480 VAC 60HP,ATV212 Type12 EMC B	\$5,782	CP4D
ATV212WD55N4C	SPEEDDRIVE 480 VAC 75HP,ATV212 Type12 EMC B	\$6,549	CP4D
ATV212WD75N4C	SPEEDDRIVE 480 VAC100HPATV212 Type12 EMCB	\$7,950	CP4D

Altivar 212 Options and Accessories

Part No.	Description	List Price	Discount Schedule
ATVPOT25K	POTENTIOMETER	\$100	CP4C
TCSMCNAM3M002P	USB to RS485 cordset (RJ45 plug)	\$52	CP4C
TCSWAAC13FB	UNIVERSAL BLUETOOTH INTERFACE	\$180	PC41
VW3A1101	LCD GRAPHIC KEYPAD IP54 RATING ATV71	\$115	CP4C
VW3A1102	REMOTE MOUNTING KIT FOR LCD KEYPAD:ATV61/71	\$55	CP4C
VW3A1103	DOOR USED W/REMOTE MOUNT KIT FOR IP65 RATING	\$45	CP4C
VW3A1104R10	RJ45-RJ45 CBL FOR REMOTE LCD KYPD 1 MET	\$35	CP4C
VW3A1104R100	RJ45-RJ45 CBL FOR REMOTE LCD KYPD 10 ME	\$45	CP4C
VW3A1104R30	RJ45-RJ45 CBL FOR REMOTE LCD KYPD 3 MET	\$35	CP4C
VW3A1104R50	RJ45-RJ45 CBL FOR REMOTE LCD KYPD 5 MET	\$35	CP4C
VW3A1105	RJ45 FEMALE TO FEMALE ADAPTER FOR GRAPHIC TERM	\$35	CP4C
VW3A21212	LonWorks option card for ATV212 SPEEDDRIVE	\$375	CP4D
VW3A31814	NEMA UL type 1 kit Size 6	\$45	CP4B
VW3A31815	NEMA UL type 1 kit Size 7	\$45	CP4B
VW3A31816	NEMA UL type 1 kit Size 8	\$45	CP4B
VW3A31817	NEMA UL type 1 kit Size 9	\$45	CP4B
VW3A31852	DIN rail kit Sizes 5 & 6	\$25	CP4B
VW3A8106	ATV PC SOFTWARE CABLE KIT	\$75	CP4C
VW3A8121	MULTI-LOADER	\$350	CP4B
VW3A9206	T-1 KIT: ATV6171HD18M3 HD22M3 HD22N4	\$65	CP4C
VW3A9207	Type 1 Kit: ATV6171HD30N4, D37N4	\$65	CP4C
VW3A9208	Type 1 Kit: ATV6171HD45N4 - D75N4	\$135	CP4C

Altivar 320 Variable Speed drives

Product Description

The Altivar Machine ATV320 is an IP 20 variable speed drive for three-phase synchronous and asynchronous motors, incorporates functions suitable for the most common applications, including:

- Packaging
- Material handling
- Textile
- Material working
- Mechanical actuators
- Hoisting



Useful Links:

[Link to eCatalog](#)

[Link to User Manual](#)

[Link to Website](#)

Price Tables – ATV320 Drives

Part No.	Description	List Price	Discount Schedule
Single-phase supply voltage: 200...240 V 50/60 Hz, with integrated EMC filter			
ATV320U02M2C	ATV320 Compact drive IP20 -0.25HP-200/240V 1ph	\$268	CP4B
ATV320U04M2C	ATV320 Compact drive IP20 -0.5HP-200/240V 1ph	\$287	CP4B
ATV320U06M2C	ATV320 Compact drive IP20 -0.75HP-200/240V 1ph	\$306	CP4B
ATV320U07M2C	ATV320 Compact drive IP20 -1HP-200/240V 1ph	\$335	CP4B
ATV320U11M2C	ATV320 Compact drive IP20 -1.5HP-200/240V 1ph	\$363	CP4B
ATV320U15M2C	ATV320 Compact drive IP20 -2HP-200/240V 1ph	\$402	CP4B
ATV320U22M2C	ATV320 Compact drive IP20 -3HP-200/240V 1ph	\$468	CP4B
Single-phase supply voltage: 200...240 V 50/60 Hz, with integrated EMC filter			
ATV320U02M2B	ATV320 Book drive IP20 -0.25HP-200/240V 1ph	\$284	CP4B
ATV320U04M2B	ATV320 Book drive IP20 -0.5HP-200/240V 1ph	\$304	CP4B
ATV320U06M2B	ATV320 Book drive IP20 -0.75HP-200/240V 1ph	\$324	CP4B
ATV320U07M2B	ATV320 Book drive IP20 -1HP-200/240V 1ph	\$355	CP4B
ATV320U11M2B	ATV320 Book drive IP20 -1.5HP-200/240V 1ph	\$385	CP4B
ATV320U15M2B	ATV320 Book drive IP20 -2HP-200/240V 1ph	\$426	CP4B
ATV320U22M2B	ATV320 Book drive IP20 -3HP-200/240V 1ph	\$496	CP4B
Three-phase supply voltage: 200...240 V 50/60 Hz, with integrated EMC filter			
ATV320U02M3C	ATV320 Compact drive IP20 -0.25HP-200/240V 3ph	\$258	CP4B
ATV320U04M3C	ATV320 Compact drive IP20 -0.5HP-200/240V 3ph	\$287	CP4B
ATV320U06M3C	ATV320 Compact drive IP20 -0.75HP-200/240V 3ph	\$306	CP4B
ATV320U07M3C	ATV320 Compact drive IP20 -1HP-200/240V 3ph	\$325	CP4B
ATV320U11M3C	ATV320 Compact drive IP20 -1.5HP-200/240V 3ph	\$363	CP4B
ATV320U15M3C	ATV320 Compact drive IP20 -2HP-200/240V 3ph	\$421	CP4B
ATV320U22M3C	ATV320 Compact drive IP20 -3HP-200/240V 3ph	\$478	CP4B
ATV320U30M3C	ATV320 Compact drive IP20 -3kW-200/240V 3ph	\$554	CP4B
ATV320U40M3C	ATV320 Compact drive IP20 -5HP-200/240V 3ph	\$650	CP4B
ATV320U55M3C	ATV320 Compact drive IP20 -7.5HP-200/240V 3ph	\$841	CP4B
ATV320U75M3C	ATV320 Compact drive IP20 -10HP-200/240V 3ph	\$1,013	CP4B
ATV320D11M3C	ATV320 Compact drive IP20 -15HP-200/240V 3ph	\$1,338	CP4B
ATV320D15M3C	ATV320 Compact drive IP20 -20HP-200/240V 3ph	\$1,721	CP4B
Three-phase supply voltage: 380...500 V 50/60 Hz, with integrated EMC filter			
ATV320U04N4B	ATV320 Book drive IP20 -0.5HP-400/480 V 3ph	\$385	CP4B
ATV320U06N4B	ATV320 Book drive IP20 -0.75HP-400/480 V 3ph	\$416	CP4B
ATV320U07N4B	ATV320 Book drive IP20 -1HP-400/480 V 3ph	\$446	CP4B

Part No.	Description	List Price	Discount Schedule
ATV320U11N4B	ATV320 Book drive IP20 -1.5HP-400/480 V 3ph	\$476	CP4B
ATV320U15N4B	ATV320 Book drive IP20 -2HP-400/480 V 3ph	\$527	CP4B
ATV320U22N4B	ATV320 Book drive IP20 -3HP-400/480 V 3ph	\$608	CP4B
ATV320U30N4B	ATV320 Book drive IP20 -3kW-400/480 V 3ph	\$689	CP4B
ATV320U40N4B	ATV320 Book drive IP20 -5HP-400/480 V 3ph	\$729	CP4B
ATV320U55N4B	ATV320 Book drive IP20 -7.5HP-400/480 V 3ph	\$860	CP4B
ATV320U75N4B	ATV320 Book drive IP20 -10HP-400/480 V 3ph	\$1,052	CP4B
ATV320D11N4B	ATV320 Book drive IP20 -15HP-400/480 V 3ph	\$1,386	CP4B
ATV320D15N4B	ATV320 Book drive IP20 -20HP-400/480 V 3ph	\$1,721	CP4B
Three-phase supply voltage: 380...500 V 50/60 Hz, with integrated EMC filter			
ATV320U04N4C	ATV320 Compact drive IP20 -0.5HP-400/480 V 3ph	\$363	CP4B
ATV320U06N4C	ATV320 Compact drive IP20 -0.75HP-400/480 V 3ph	\$392	CP4B
ATV320U07N4C	ATV320 Compact drive IP20 -1HP-400/480 V 3ph	\$421	CP4B
ATV320U11N4C	ATV320 Compact drive IP20 -1.5HP-400/480 V 3ph	\$449	CP4B
ATV320U15N4C	ATV320 Compact drive IP20 -2HP-400/480 V 3ph	\$497	CP4B
ATV320U22N4C	ATV320 Compact drive IP20 -3HP-400/480 V 3ph	\$574	CP4B
ATV320U30N4C	ATV320 Compact drive IP20 4Hp 3kw400/480 V	\$650	CP4B
ATV320U40N4C	ATV320 Compact drive IP20 -5HP-400/480 V 3ph	\$688	CP4B

ATV320 Options and Accessories

Part No.	Description	List Price	Discount Schedule
GV2AF4	MANUAL STARTER COMBO BLOCK 600VAC 38A	\$3	I11
LU9GC3	MODBUS HUB	\$312	I11
VW3A1006	ATV12 remote keypad, IP54	\$56	CP4B
VW3A1007	ATV12 remote keypad, IP65	\$56	CP4B
VW3A1101	LCD GRAPHIC KEYPAD IP54 RATING ATV71	\$115	CP4C
VW3A1102	REMOTE MOUNTING KIT FOR LCD KEYPAD: ATV61/71	\$55	CP4C
VW3A1103	DOOR USED W/REMOTE MOUNT KIT FOR IP65 RATING	\$45	CP4C
VW3A1104R10	RJ45-RJ45 CBL FOR REMOTE LCD KYPD 1 MET	\$35	CP4C
VW3A1104R100	RJ45-RJ45 CBL FOR REMOTE LCD KYPD 10 ME	\$45	CP4C
VW3A1104R30	RJ45-RJ45 CBL FOR REMOTE LCD KYPD 3 MET	\$35	CP4C
VW3A1104R50	RJ45-RJ45 CBL FOR REMOTE LCD KYPD 5 MET	\$35	CP4C
VW3A1105	RJ45 FEMALE TO FEMALE ADAPTER FOR GRAPHIC TERM	\$35	CP4C
VW3A8120	ATV31,61 and 71 Simple Loader	\$175	CP4C
VW3A8121	MULTI-LOADER	\$350	CP4B
VW3A8126	Multi-Loader Cord Set	\$30	CP4C
VW3A8306R03	RJ45-RJ45 CABLE 1/3 METER	\$20	CP1G
VW3A8306R30	RJ45-RJ45 CABLE 3 METER	\$30	CP1G
VW3A8306RC	MODBUS END ADAPTORFOR RJ45 PLUG 120 OHM	\$6	CP1G
VW3A8306TF03	RJ45 T-CABLE 1/3 METER	\$75	CP1G
VW3A95811	NEMA UL Type 1 Kit Size 1 Compact	\$45	CP4B
VW3A95812	NEMA UL Type 1 Kit Size 2 Compact	\$45	CP4B
VW3A95814	NEMA UL Type 1 Kit Size 3 Compact	\$45	CP4B
VW3A95817	NEMA UL Type 1 Kit Size 4 Book	\$45	CP4B
VW3A95819	NEMA UL Type 1 Kit Size 5 Book	\$45	CP4B
VW3A9804	ATV12/312 DIN RAIL Mounting Plates size1	\$64	CP4B
VW3A9805	ATV12/312 DIN RAIL Mounting Plates Sz2	\$72	CP4B
VW3A9921	Bracket for mounting GV2 manual protector on a	\$5	CP4B
VW3M2207	DC Bus Connector kit	\$91	PC51
VW3M7101R01	LXM 32 DC bus connection 0.1 m 5	\$83	PC51
VW3M7102R150	LEXIUM-32 DC BUS CABLE 15M	\$470	PC51

Altivar 340 Variable Speed drives

Product Description

Altivar Machine ATV340 is a powerful drive that aims to match your machine's motor capabilities with maximum torque and speed performance.

With an optimized speed bandwidth up to 400 Hz, the Altivar Machine ATV340 is designed for dynamic applications that may require faster acceleration or settling time.



Useful Links:

[Link to Catalog](#)

[Link to User Manual](#)

[Link to Website](#)

Price Tables – ATV340 Drives

Part No.	Description	List Price	Discount Schedule
ATV340U07N4	ATV340 drive IP20 -1HP HD/1.5HP ND-400/480V 3ph	\$513	CP4B
ATV340U15N4	ATV340 drive IP20 -2HP HD/3HP ND-400/480V 3ph	\$606	CP4B
ATV340U22N4	ATV340 drive IP20 -3HP HD/3kW ND-400/480V 3ph	\$699	CP4B
ATV340U30N4	ATV340 drive IP20 -3kW HD/5HP ND-400/480V 3ph	\$792	CP4B
ATV340U40N4	ATV340 drive IP20 -5HP HD/7.5HP ND-400/480V 3ph	\$838	CP4B
ATV340U55N4	ATV340 drive IP20 -7.5HP HD/10HP ND-400/480V 3ph	\$1,006	CP4B
ATV340U75N4	ATV340 drive IP20 -10HP HD/15HP ND-400/480V 3ph	\$1,231	CP4B
ATV340D11N4	ATV340 drive IP20 -15HP HD/20HP ND-400/480V 3ph	\$1,622	CP4B
ATV340D15N4	ATV340 drive IP20 -20HP HD/25HP ND-400/480V 3ph	\$2,014	CP4B
ATV340D18N4	ATV340 drive IP20 -25HP HD/30HP ND-400/480V 3ph	\$2,781	CP4B
ATV340D22N4	ATV340 drive IP20 -30HP HD/40HP ND-400/480V 3ph	\$3,368	CP4B
ATV340U07N4E	ATV340 Ethernet drive IP20 -1HP HD/1.5HP ND-400/480V 3ph	\$800	CP4B
ATV340U15N4E	ATV340 Ethernet drive IP20 -2HP HD/3HP ND-400/480V 3ph	\$894	CP4B
ATV340U22N4E	ATV340 Ethernet drive IP20 -3HP HD/3kW ND-400/480V 3ph	\$987	CP4B
ATV340U30N4E	ATV340 Ethernet drive IP20 -3kW HD/5HP ND-400/480V 3ph	\$1,080	CP4B
ATV340U40N4E	ATV340 Ethernet drive IP20 -5HP HD/7.5HP ND-400/480V 3ph	\$1,126	CP4B
ATV340U55N4E	ATV340 Ethernet drive IP20 -7.5HP HD/10HP ND-400/480V 3ph	\$1,299	CP4B
ATV340U75N4E	ATV340 Ethernet drive IP20 -10HP HD/15HP ND-400/480V 3ph	\$1,523	CP4B
ATV340D11N4E	ATV340 Ethernet drive IP20 -15HP HD/20HP ND-400/480V 3ph	\$1,914	CP4B
ATV340D15N4E	ATV340 Ethernet drive IP20 -20HP HD/25HP ND-400/480V 3ph	\$2,306	CP4B
ATV340D18N4E	ATV340 Ethernet drive IP20 -25HP HD/30HP ND-400/480V 3ph	\$2,980	CP4B
ATV340D22N4E	ATV340 Ethernet drive IP20 -30HP HD/40HP ND-400/480V 3ph	\$3,608	CP4B
ATV340D30N4E	ATV340 Ethernet drive IP20 -40HP HD/50HP ND-400/480V 3ph	\$4,269	CP4B
ATV340D37N4E	ATV340 Ethernet drive IP20 -50HP HD/60HP ND-400/480V 3ph	\$5,222	CP4B
ATV340D45N4E	ATV340 Ethernet drive IP20 -60HP HD/75HP ND-400/480V 3ph	\$5,980	CP4B
ATV340D55N4E	ATV340 Ethernet drive IP20 -75HP HD/100HP ND-400/480V 3ph	\$6,860	CP4B
ATV340D75N4E	ATV340 Ethernet drive IP20 -100HP HD/125HP ND-400/480V 3ph	\$8,258	CP4B

ATV340 Options and Accessories

Part No.	Description	List Price	Discount Schedule
VW3A1111	Graphic keypad	\$175	CP4E
VW3A1112	Door Mounting kit Graphic keypad Type 12	\$80	CP4E
VW3A8120	ATV31,61 and 71 Simple Loader	\$175	CP4C
VW3A8121	MULTI-LOADER	\$350	CP4B
VW3A8126	Multi-Loader Cord Set	\$30	CP4C
TCSWAAC13FB	UNIVERSAL BLUETOOTH INTERFACE	\$180	PC41
VW3A3600	Communication Adaptor Card	\$100	CP4B
VW3A3608	CAN 2 * RJ45 Option Module	\$130	PC51
VW3A3618	CAN SUB-D9 Option Module	\$149	PC51
VW3A3628	CAN OPEN OPTION 5 POS SCREW CONNECTOR	\$130	CP4B
VW3CANCARR03	CANopen cable 0.3 m	\$25	CP4B
VW3CANCARR1	CANopen cable 1 m	\$25	CP4B
TCSCAR013M120	CANopen end of line terminator RJ45 conn	\$20	CP4C
VW3CANTAP2	CANopen adapter junction box	\$150	CP4B
VW3A3616	Ethernet IP Option Module	\$250	PC51
VW3A3607	Profibus DP V1 Option Module	\$281	PC51
VW3A3609	DEVICE NET OPTION 5 POS SCREW CONNECTOR	\$185	CP4B
VW3A3601	ETHERCAT MODULE FOR LEXIUM-32 DRIVE	\$300	PC51
VW3A3619	POWERLINK COM OPT FOR ALTIVAR 32	\$300	PC51
VW3A3627	Profinet com card for ATV32	\$300	CP4B
VW3A3620	SPEED FEEDBACK OPT FOR ALTIVAR 32	\$130	PC51
VW3A9804	ATV12/312 DIN RAIL Mounting Plates size1	\$64	CP4B
VW3A9805	ATV12/312 DIN RAIL Mounting Plates Sz2	\$72	CP4B
VW3A95811	NEMA UL Type 1 Kit Size 1 Compact	\$45	CP4B
VW3A95812	NEMA UL Type 1 Kit Size 2 Compact	\$45	CP4B
VW3A95813	NEMA UL Type 1 Kit Size 1 Compact	\$45	CP4B
VW3A95814	NEMA UL Type 1 Kit Size 3 Compact	\$45	CP4B
VW3A95815	NEMA UL Type 1 Kit Size 2 Compact	\$45	CP4B
VW3A95816	NEMA UL Type 1 Kit Size 3 Compact	\$45	CP4B
VW3A95817	NEMA UL Type 1 Kit Size 4 Book	\$45	CP4B
VW3A95818	NEMA UL Type 1 Kit Size 3 Compact	\$45	CP4B
VW3A95819	NEMA UL Type 1 Kit Size 5 Book	\$45	CP4B
VW3A9920	ADAPTOR TO MOUNT ATV32 CONTROL MODULE 900	\$45	CP4B
VW3A9921	Bracket for mounting GV2 manual protector on a	\$5	CP4B
GV2AF4	MANUAL STARTER COMBO BLOCK 600VAC 38A	\$3	I11
VW3M7101R01	LXM 32 DC bus connection 0.1 m 5	\$83	PC51
VW3M7102R150	LEXIUM-32 DC BUS CABLE 15M	\$470	PC51
VW3M2207	DC Bus Connector kit	\$91	PC51

Altivar 312 variable speed drives

Product Description

The Altivar 312 drive is a frequency inverter for 200 to 600 V three-phase asynchronous motors from 0.25 hp (0.18 kw) to 20 hp (15 kW).

The Altivar 312 drive is robust, compact and easy to install. Its integrated functions are particularly suitable for the requirements of applications involving simple industrial machines.



Useful Links:

[Link to eCatalog](#)

[Link to User Manual](#)

[Link to Website](#)

Price Tables – ATV312 Drives

Part No.	Description	List Price	Discount Schedule
Single-phase supply voltage: 200...240 V 50/60 Hz, with integrated EMC filter			
ATV312H018M2	ATV312 AC DRIVE, 0.25 HP 240V 1 PHASE INPUT, 240V 3 PHASE OUTPUT	\$268	CP4B
ATV312H037M2	ATV312 AC DRIVE, 0.5 HP 240V 1 PHASE INPUT, 240V 3 PHASE OUTPUT	\$287	CP4B
ATV312H055M2	ATV312 AC DRIVE, 0.75 HP 240V 1 PHASE INPUT, 240V 3 PHASE OUTPUT	\$306	CP4B
ATV312H075M2	ATV312 AC DRIVE, 1 HP 240V 1 PHASE INPUT, 240V 3 PHASE OUTPUT	\$335	CP4B
ATV312HU11M2	ATV312 AC DRIVE, 1.5 HP 240V 1 PHASE INPUT, 240V 3 PHASE OUTPUT	\$363	CP4B
ATV312HU15M2	ATV312 AC DRIVE, 2 HP 240V 1 PHASE INPUT, 240V 3 PHASE OUTPUT	\$402	CP4B
ATV312HU22M2	ATV312 AC DRIVE, 3 HP 240V 1 PHASE INPUT, 240V 3 PHASE OUTPUT	\$468	CP4B
Three-phase supply voltage: 200...240 V 50/60 Hz, without EMC filter			
ATV312H018M3	ATV312 AC DRIVE, 0.25 HP 240V 3 PHASE INPUT, 240V 3 PHASE OUTPUT	\$258	CP4B
ATV312H037M3	ATV312 AC DRIVE, 0.5 HP 240V 3 PHASE INPUT, 240V 3 PHASE OUTPUT	\$287	CP4B
ATV312H055M3	ATV312 AC DRIVE, 0.75 HP 240V 3 PHASE INPUT, 240V 3 PHASE OUTPUT	\$306	CP4B
ATV312H075M3	ATV312 AC DRIVE, 1 HP 240V 3 PHASE INPUT, 240V 3 PHASE OUTPUT	\$325	CP4B
ATV312HU11M3	ATV312 AC DRIVE, 1.5 HP 240V 3 PHASE INPUT, 240V 3 PHASE OUTPUT	\$363	CP4B
ATV312HU15M3	ATV312 AC DRIVE, 2 HP 240V 3 PHASE INPUT, 240V 3 PHASE OUTPUT	\$421	CP4B
ATV312HU22M3	ATV312 AC DRIVE, 3 HP 240V 3 PHASE INPUT, 240V 3 PHASE OUTPUT	\$478	CP4B
ATV312HU30M3	ATV312 AC DRIVE, 4 HP 240V 3 PHASE INPUT, 240V 3 PHASE OUTPUT	\$554	CP4B
ATV312HU40M3	ATV312 AC DRIVE, 5 HP 240V 3 PHASE INPUT, 240V 3 PHASE OUTPUT	\$650	CP4B
ATV312HU55M3	ATV312 AC DRIVE, 7.5 HP 240V 3 PHASE INPUT, 240V 3 PHASE OUTPUT	\$841	CP4B
ATV312HU75M3	ATV312 AC DRIVE, 10 HP 240V 3 PHASE INPUT, 240V 3 PHASE OUTPUT	\$1,013	CP4B
ATV312HD11M3	ATV312 AC DRIVE, 15 HP 240V 3 PHASE INPUT, 240V 3 PHASE OUTPUT	\$1,338	CP4B
ATV312HD15M3	ATV312 AC DRIVE, 20 HP 240V 3 PHASE INPUT, 240V 3 PHASE OUTPUT	\$1,721	CP4B
Three-phase supply voltage: 380...500 V 50/60 Hz, with integrated EMC filter			
ATV312H037N4	ATV312 AC DRIVE, 0.5 HP 480 V 3 PHASE INPUT, 480 V 3 PHASE OUTPUT	\$363	CP4B
ATV312H055N4	ATV312 AC DRIVE, 0.75 HP 480 V 3 PHASE INPUT, 480 V 3 PHASE OUTPUT	\$392	CP4B
ATV312H075N4	ATV312 AC DRIVE, 1 HP 480 V 3 PHASE INPUT, 480 V 3 PHASE OUTPUT	\$421	CP4B
ATV312HU11N4	ATV312 AC DRIVE, 1.5 HP 480 V 3 PHASE INPUT, 480 V 3 PHASE OUTPUT	\$449	CP4B
ATV312HU15N4	ATV312 AC DRIVE, 2 HP 480 V 3 PHASE INPUT, 480 V 3 PHASE OUTPUT	\$497	CP4B
ATV312HU22N4	ATV312 AC DRIVE, 3 HP 480 V 3 PHASE INPUT, 480 V 3 PHASE OUTPUT	\$574	CP4B
ATV312HU30N4	ATV312 AC DRIVE, 4 HP 480 V 3 PHASE INPUT, 480 V 3 PHASE OUTPUT	\$650	CP4B
ATV312HU40N4	ATV312 AC DRIVE, 5 HP 480 V 3 PHASE INPUT, 480 V 3 PHASE OUTPUT	\$688	CP4B
ATV312HU55N4	ATV312 AC DRIVE, 7.5 HP 480 V 3 PHASE INPUT, 480 V 3 PHASE OUTPUT	\$860	CP4B
ATV312HU75N4	ATV312 AC DRIVE, 10 HP 480 V 3 PHASE INPUT, 480 V 3 PHASE OUTPUT	\$1,052	CP4B
ATV312HD11N4	ATV312 AC DRIVE, 15 HP 480 V 3 PHASE INPUT, 480 V 3 PHASE OUTPUT	\$1,386	CP4B
ATV312HD15N4	ATV312 AC DRIVE, 20 HP 480 V 3 PHASE INPUT, 480 V 3 PHASE OUTPUT	\$1,721	CP4B

Part No.	Description	List Price	Discount Schedule
Three-phase supply voltage: 525...600 V 50/60 Hz, without EMC filter			
ATV312H075S6	ATV312 AC DRIVE, 1 HP 600V 3 PHASE INPUT, 600V 3 PHASE OUTPUT	\$484	CP4B
ATV312HU15S6	ATV312 AC DRIVE, 2 HP 600V 3 PHASE INPUT, 600V 3 PHASE OUTPUT	\$572	CP4B
ATV312HU22S6	ATV312 AC DRIVE, 4 HP 600V 3 PHASE INPUT, 600V 3 PHASE OUTPUT	\$660	CP4B
ATV312HU40S6	ATV312 AC DRIVE, 5 HP 600V 3 PHASE INPUT, 600V 3 PHASE OUTPUT	\$792	CP4B
ATV312HU55S6	ATV312 AC DRIVE, 7.5 HP 600V 3 PHASE INPUT, 600V 3 PHASE OUTPUT	\$989	CP4B
ATV312HU75S6	ATV312 AC DRIVE, 10 HP 600V 3 PHASE INPUT, 600V 3 PHASE OUTPUT	\$1,209	CP4B
ATV312HD11S6	ATV312 AC DRIVE, 15 HP 600V 3 PHASE INPUT, 600V 3 PHASE OUTPUT	\$1,594	CP4B
ATV312HD15S6	ATV312 AC DRIVE, 20 HP 600V 3 PHASE INPUT, 600V 3 PHASE OUTPUT	\$1,979	CP4B

ATV312 Options and Accessories

Part No.	Description	List Price	Discount Schedule
TCSCAR013M120	CANopen end of line terminator RJ45 conn	\$20	CP4C
TCSCAR01NM120	RESISTOR TERMINATION	\$10	CP4C
TCSCCTN023F13M03	RJ45 DIASYNCHAIN TAP W 0.3M DROP CABLE	\$131	PC51
TCSCCTN026M16M	CANOpen connector	\$149	CP4C
TSXCANCA100	CANOPEN STANDARD CABLE LSZH 100M	\$701	PC12
TSXCANCA300	CANOPEN STANDARD CABLE LSZH 300M	\$1,985	PC12
TSXCANCA50	CANOPEN STANDARD CABLE LSZH 50M	\$168	PC12
TSXCANCB100	CANOPEN CABLE UL/IEC332-2 100M	\$149	PC22
TSXCANCB300	CANOPEN CABLE UL/IEC332-2 300M	\$800	PC22
TSXCANCB50	CANOPEN CABLE UL/IEC332-2 50M	\$149	PC22
TSXCANCD100	100M CANOPEN CABLE	\$608	PC22
TSXCANCD300	300M CANOPEN CABLE	\$1,642	PC22
TSXCANCD50	CANOPEN CABLE FLEXIBLE LSZH HD 50M	\$177	PC22
TSXETG100	MODBUS ETHERNET GATEWAY	\$1,191	PC41
VW3A1006	ATV12 remote keypad, IP54	\$56	CP4B
VW3A1007	ATV12 remote keypad, IP65	\$56	CP4B
VW3A1101	LCD GRAPHIC KEYPAD IP54 RATING ATV71	\$115	CP4C
VW3A1104R10	RJ45-RJ45 CBL FOR REMOTE LCD KYPD 1 MET	\$35	CP4C
VW3A1104R10	RJ45-RJ45 CBL FOR REMOTE LCD KYPD 1 MET	\$35	CP4C
VW3A1104R100	RJ45-RJ45 CBL FOR REMOTE LCD KYPD 10 ME	\$45	CP4C
VW3A1104R30	RJ45-RJ45 CBL FOR REMOTE LCD KYPD 3 MET	\$35	CP4C
VW3A1104R30	RJ45-RJ45 CBL FOR REMOTE LCD KYPD 3 MET	\$35	CP4C
VW3A1104R50	RJ45-RJ45 CBL FOR REMOTE LCD KYPD 5 MET	\$35	CP4C
VW3A1105	RJ45 FEMALE TO FEMALE ADAPTER FOR GRAPHIC TERM	\$35	CP4C
VW3A31201	ATV 312 Replacement Control I/O Card	\$95	CP4B
VW3A31207	ATV312 PROFIBUS OPTION CARD	\$185	CP4B
VW3A31208	ATV312 CANOPEN OPTION CARD	\$185	CP4B
VW3A31208	ATV312 CANOPEN OPTION CARD	\$185	CP4B
VW3A31209	ATV312 DEVICENET OPTION CARD	\$185	CP4B
VW3A31811	NEMA UL type 1 kit Size 1, 2	\$45	CP4B
VW3A31812	NEMA UL type 1 kit Size 3, 4	\$45	CP4B
VW3A31813	NEMA UL type 1 kit Size 5	\$45	CP4B
VW3A31814	NEMA UL type 1 kit Size 6	\$45	CP4B
VW3A31815	NEMA UL type 1 kit Size 7	\$45	CP4B
VW3A31816	NEMA UL type 1 kit Size 8	\$45	CP4B

VW3A31817	NEMA UL type 1 kit Size 9	\$45	CP4B
VW3A7701	Braking resistor	\$575	PC51
VW3A7701	Braking resistor	\$575	PC51
VW3A7704	BRAKING RESISTOR 15 OHM 1000W	\$608	CP4C
VW3A7705	Ballast resistor 10 Ohm 1000W	\$1,236	CP4B
VW3A7723	ATV 312 Braking Resistor	\$195	CP4B
VW3A7724	ATV 312 Braking Resistor	\$205	CP4B
VW3A7725	ATV 312 Braking Resistor	\$215	CP4B
VW3A8120	ATV31,61 and 71 Simple Loader	\$175	CP4C
VW3A8121	MULTI-LOADER	\$350	CP4B
VW3A8126	Multi-Loader Cord Set	\$30	CP4C
VW3A9804	ATV12/312 DIN RAIL Mounting Plates size1	\$64	CP4B
VW3CANCARR03	CANopen cable 0.3 m	\$25	CP4B
VW3CANCARR1	CANopen cable 1 m	\$25	CP4B
VW3CANTAP2	CANopen adapter junction box	\$150	CP4B
VZ3V3101	ATV312 FAN KIT SIZE 5-6	\$44	CP4B
VZ3V3102	ATV312 FAN KIT SIZE 7	\$44	CP4B
VZ3V3103	ATV312 FAN KIT SIZE 8	\$61	CP4B
VZ3V3104	ATV312 FAN KIT SIZE 9	\$61	CP4B

Altivar 32 variable speed drives

Product Description

The Altivar 32 variable speed drive from Schneider Electric provides high performance and improved connectivity, while reducing panel space, improving uptime and maximizing machine through-put. Its extra-slim, book-style design allows side-by-side mounting, as well as the direct attachment of a self-protected disconnect. The Altivar 32 can be mounted in smaller spaces, minimizing wiring, and reducing machine costs.



Useful Links:

[Link to eCatalog](#)

[Link to User Manual](#)

[Link to Website](#)

Price Tables – ATV32 Variable Speed Drives

Part No.	Description	List Price	Discount Schedule
Single-phase supply voltage: 200 to 240 V 50/60 Hz, with integrated EMC filter			
ATV32H018M2	ATV32 AC Drive, 0.25 HP, 240V 1 Phase Input, 240V 3 Phase Output	\$335	CP4B
ATV32H037M2	ATV32 AC Drive, 0.5 HP, 240V 1 Phase Input, 240V 3 Phase Output	\$365	CP4B
ATV32H055M2	ATV32 AC Drive, 0.75 HP, 240V 1 Phase Input, 240V 3 Phase Output	\$395	CP4B
ATV32H075M2	ATV32 AC Drive, 1 HP, 240V 1 Phase Input, 240V 3 Phase Output	\$420	CP4B
ATV32HU11M2	ATV32 AC Drive, 1.5 HP, 240V 1 Phase Input, 240V 3 Phase Output	\$475	CP4B
ATV32HU15M2	ATV32 AC Drive, 2 HP, 240V 1 Phase Input, 240V 3 Phase Output	\$525	CP4B
ATV32HU22M2	ATV32 AC Drive, 3 HP, 240V 1 Phase Input, 240V 3 Phase Output	\$620	CP4B
Three-phase supply voltage: 380 to 500 V 50/60 Hz, with integrated EMC filter			
ATV32H037N4	ATV32 AC Drive, 0.5 HP, 480 V 3 Phase Input, 480 V 3 Phase Output	\$490	CP4B
ATV32H055N4	ATV32 AC Drive, 0.75 HP, 480 V 3 Phase Input, 480 V 3 Phase Output	\$525	CP4B
ATV32H075N4	ATV32 AC Drive, 1 HP, 480 V 3 Phase Input, 480 V 3 Phase Output	\$550	CP4B
ATV32HU11N4	ATV32 AC Drive, 1.5 HP, 480 V 3 Phase Input, 480 V 3 Phase Output	\$602	CP4B
ATV32HU15N4	ATV32 AC Drive, 2 HP, 480 V 3 Phase Input, 480 V 3 Phase Output	\$665	CP4B
ATV32HU22N4	ATV32 AC Drive, 3 HP, 480 V 3 Phase Input, 480 V 3 Phase Output	\$751	CP4B
ATV32HU30N4	ATV32 AC Drive, 4 HP, 480 V 3 Phase Input, 480 V 3 Phase Output	\$852	CP4B
ATV32HU40N4	ATV32 AC Drive, 5 HP, 480 V 3 Phase Input, 480 V 3 Phase Output	\$980	CP4B
ATV32HU55N4	ATV32 AC Drive, 7.5 HP, 480 V 3 Phase Input, 480 V 3 Phase Output	\$1,191	CP4B
ATV32HU75N4	ATV32 AC Drive, 10 HP, 480 V 3 Phase Input, 480 V 3 Phase Output	\$1,445	CP4B
ATV32HD11N4	ATV32 AC Drive, 15 HP, 480 V 3 Phase Input, 480 V 3 Phase Output	\$1,825	CP4B
ATV32HD15N4	ATV32 AC Drive, 20 HP, 480 V 3 Phase Input, 480 V 3 Phase Output	\$2,325	CP4B

Altivar 32 Options and Accessories

Part No.	Description	List Price	Discount Schedule
GV2AF4	MANUAL STARTER COMBO BLOCK 600VAC 38A	\$3	I11
GV2GH7	MANUAL STARTER LINE SIDE SPACER IEC	\$15	I11
LU9GC3	MODBUS HUB	\$312	I11
TCSCAR013M120	CANopen end of line terminator RJ45 conn	\$20	CP4C
TCSMCNAM3M002P	USB to RS485 cordset (RJ45 plug)	\$52	CP4C
TSXCANCA100	CANOPEN STANDARD CABLE LSZH 100M	\$701	PC12
TSXCANCA300	CANOPEN STANDARD CABLE LSZH 300M	\$1,985	PC12
TSXCANCA50	CANOPEN STANDARD CABLE LSZH 50M	\$168	PC12
TSXCANCADD03	CANOPEN PRE-ASSEMBLED DROP LSZH 0,3M	\$78	PC12
TSXCANCADD1	CANOPEN PRE-ASSEMBLED DROP LSZH 1M	\$83	PC12
TSXCANCADD3	CANOPEN PRE-ASSEMBLED DROP LSZH 3M	\$93	PC12
TSXCANCADD5	CANOPEN PRE-ASSEMBLED DROP LSZH 5M	\$104	PC12
TSXCANCB100	CANOPEN CABLE UL/IEC332-2 100M	\$149	PC22
TSXCANCB300	CANOPEN CABLE UL/IEC332-2 300M	\$800	PC22
TSXCANCB50	CANOPEN CABLE UL/IEC332-2 50M	\$149	PC22
TSXCANCBDD03	CANOPEN PRE-ASS DROP UL/IEC332-2 0,3M	\$52	PC22
TSXCANCBDD1	CANOPEN PRE-ASS DROP UL/IEC332-2 1M	\$58	PC22
TSXCANCBDD3	CANOPEN PRE-ASS DROP UL/IEC332-2 3M	\$68	PC22
TSXCANCBDD5	CANOPEN PRE-ASS DROP UL/IEC332-2 5M	\$78	PC22
TSXCANCD100	100M CANOPEN CABLE	\$608	PC22
TSXCANCD300	300M CANOPEN CABLE	\$1,642	PC22
TSXCANCD50	CANOPEN CABLE FLEXIBLE LSZH HD 50M	\$177	PC22
TSXCANKCDF180T	CANOPEN SUBD FEMALE CONNECTOR 180	\$78	PC22
TSXCANKCDF90T	CANOPEN SUBD FEMALE CONNECTOR 90	\$78	PC22
TSXCANTDM4	CANOPEN 4 DSUB PORTS TAP	\$158	PC22
VW3A1006	ATV12 remote keypad, IP54	\$56	CP4B
VW3A1007	ATV12 remote keypad, IP65	\$56	CP4B
VW3A1101	LCD GRAPHIC KEYPAD IP54 RATING ATV71	\$115	CP4C
VW3A1102	REMOTE MOUNTING KIT FOR LCD KEYPAD:ATV61/71	\$55	CP4C
VW3A1103	DOOR USED W/REMOTE MOUNT KIT FOR IP65 RATING	\$45	CP4C
VW3A1104R10	RJ45-RJ45 CBL FOR REMOTE LCD KYPD 1 MET	\$35	CP4C
VW3A1104R100	RJ45-RJ45 CBL FOR REMOTE LCD KYPD 10 ME	\$45	CP4C
VW3A1104R30	RJ45-RJ45 CBL FOR REMOTE LCD KYPD 3 MET	\$35	CP4C
VW3A1104R50	RJ45-RJ45 CBL FOR REMOTE LCD KYPD 5 MET	\$35	CP4C
VW3A1105	RJ45 FEMALE TO FEMALE ADAPTER FOR GRAPHIC TERM	\$35	CP4C
VW3A3601	ETHERCAT MODULE FOR LEXIUM-32 DRIVE	\$300	PC51
VW3A3607	Profibus DP V1 Option Module	\$281	PC51
VW3A3608	CAN 2 * RJ45 Option Module	\$130	PC51
VW3A3609	DEVICE NET OPTION 5 POS SCREW CONNECTOR	\$185	CP4B
VW3A3616	Ethernet IP Option Module	\$250	PC51
VW3A3618	CAN SUB-D9 Option Module	\$149	PC51
VW3A3628	CAN OPEN OPTION 5 POS SCREW CONNECTOR	\$130	CP4B
VW3A8114	Blue Tooth Gateway/ RS485 Adapter	\$85	CP4B
VW3A8120	ATV31,61 and 71 Simple Loader	\$175	CP4C
VW3A8121	MULTI-LOADER	\$350	CP4B
VW3A8126	Multi-Loader Cord Set	\$30	CP4C

Part No.	Description	List Price	Discount Schedule
VW3A8306R03	RJ45-RJ45 CABLE 1/3 METER	\$20	CP1G
VW3A8306R10	RJ45-RJ45 CABLE 1 METER	\$25	CP1G
VW3A8306R30	RJ45-RJ45 CABLE 3 METER	\$30	CP1G
VW3A8306RC	MODBUS END ADAPTORFOR RJ45 PLUG 120 OHM	\$6	CP1G
VW3A8306TF03	RJ45 T-CABLE 1/3 METER	\$75	CP1G
VW3A8306TF10	RJ45 T-CABLE 1 METER	\$85	CP1G
VW3A9920	ADAPTOR TO MOUNT ATV32 CONTROL MODULE 900	\$45	CP4B
VW3A9921	Bracket for mounting GV2 manual protector on a	\$5	CP4B
VW3CANCARR03	CANopen cable 0.3 m	\$25	CP4B
VW3CANCARR1	CANopen cable 1 m	\$25	CP4B
VW3CANTAP2	CANopen adapter junction box	\$150	CP4B
VW3M2207	DC Bus Connector kit	\$91	PC51
VW3M7101R01	LXM 32 DC bus connection 0.1 m 5	\$83	PC51
VW3M7102R150	LEXIUM-32 DC BUS CABLE 15M	\$470	PC51

Altivar 630 Variable Speed Drives

Product Description

Altivar Process drives deliver added value services in the Water/Wastewater; Oil & Gas; Mineral, Mining, and Metals; and Food & Beverage industries to enable business and process optimization through improved life-cycle asset management and optimized energy consumption. The new drives are aimed at improving overall process performance and enabling full information and operational technology convergence.



Useful Links:

[Link to eCatalog](#)

[Link to User Manual](#)

[Link to Website](#)

Price Tables – ATV630 Variable Speed Drives

Part No.	Description	List Price	Discount Schedule
Three-phase supply voltage: 200...240 V drives – Type 1			
ATV630U07M3	ATV630 TYPE1 230V 1 HP	\$ 1,076	CP4E
ATV630U15M3	ATV630 TYPE1 230V 2 HP	\$ 1,105	CP4E
ATV630U22M3	ATV630 TYPE1 230V 3 HP	\$ 1,212	CP4E
ATV630U30M3	ATV630 TYPE1 230V 3 KW	\$ 1,374	CP4E
ATV630U40M3	ATV630 TYPE1 230V 5 HP	\$ 1,513	CP4E
ATV630U55M3	ATV630 TYPE1 230V 7.5 HP	\$ 1,793	CP4E
ATV630U75M3	ATV630 TYPE1 230V 10 HP	\$ 2,130	CP4E
ATV630D11M3	ATV630 TYPE1 230V 15 HP	\$ 2,567	CP4E
ATV630D15M3	ATV630 TYPE1 230V 20 HP	\$ 3,128	CP4E
ATV630D18M3	ATV630 TYPE1 230V 25 HP	\$ 3,683	CP4E
ATV630D22M3	ATV630 TYPE1 230V 30 HP	\$ 4,524	CP4E
ATV630D30M3	ATV630 TYPE1 230V 40 HP	\$ 5,578	CP4E
ATV630D37M3	ATV630 TYPE1 230V 50 HP	\$ 6,429	CP4E
ATV630D45M3	ATV630 TYPE1 230V 60 HP	\$ 7,554	CP4E
ATV630D55M3	ATV630 TYPE1 230V 75 HP	\$ 8,983	CP4E
ATV630D75M3	ATV630 TYPE1 230V 100 HP	\$ 10,732	CP4E
Three-phase supply voltage: 380...480 V – Type 1			
ATV630U07N4	ATV630 TYPE1 460V 1 HP	\$ 1,179	CP4E
ATV630U15N4	ATV630 TYPE1 460V 2 HP	\$ 1,296	CP4E
ATV630U22N4	ATV630 TYPE1 460V 3 HP	\$ 1,417	CP4E
ATV630U30N4	ATV630 TYPE1 460V 3 KW	\$ 1,496	CP4E
ATV630U40N4	ATV630 TYPE1 460V 5 HP	\$ 1,562	CP4E
ATV630U55N4	ATV630 TYPE1 460V 7.5 HP	\$ 1,715	CP4E
ATV630U75N4	ATV630 TYPE1 460V 10 HP	\$ 1,939	CP4E
ATV630D11N4	ATV630 TYPE1 460V 15 HP	\$ 2,336	CP4E
ATV630D15N4	ATV630 TYPE1 460V 20 HP	\$ 2,831	CP4E
ATV630D18N4	ATV630 TYPE1 460V 25 HP	\$ 3,346	CP4E
ATV630D22N4	ATV630 TYPE1 460V 30 HP	\$ 3,832	CP4E
ATV630D30N4	ATV630 TYPE1 460V 40 HP	\$ 4,600	CP4E
ATV630D37N4	ATV630 TYPE1 460V 50 HP	\$ 5,507	CP4E
ATV630D45N4	ATV630 TYPE1 460V 60 HP	\$ 6,515	CP4E
ATV630D55N4	ATV630 TYPE1 460V 75 HP	\$ 7,454	CP4E
ATV630D75N4	ATV630 TYPE1 460V 100 HP	\$ 8,631	CP4E
ATV630D90N4	ATV630 TYPE1 460V 125 HP	\$ 9,997	CP4E

Part No.	Description	List Price	Discount Schedule
ATV630C11N4	ATV630 TYPE1 460V 150 HP	\$12,105	CP4E
ATV630C13N4	ATV630 TYPE1 460V 200 HP	\$14,378	CP4E
ATV630C16N4	ATV630 TYPE1 460V 250 HP	\$16,200	CP4E
Three-phase supply voltage: 380...480 V – NEMA 12			
ATV630U07N4EU	ATV630EU NEMA12 460V 1 HP	\$1,627	CP4E
ATV630U15N4EU	ATV630EU NEMA12 460V 2 HP	\$1,752	CP4E
ATV630U22N4EU	ATV630EU NEMA12 460V 3 HP	\$1,887	CP4E
ATV630U30N4EU	ATV630EU NEMA12 460V 4 HP	\$1,971	CP4E
ATV630U40N4EU	ATV630EU NEMA12 460V 5 HP	\$2,065	CP4E
ATV630U55N4EU	ATV630EU NEMA12 460V 7.5 HP	\$2,324	CP4E
ATV630U75N4EU	ATV630EU NEMA12 460V 10 HP	\$2,622	CP4E
ATV630D11N4EU	ATV630EU NEMA12 460V 15 HP	\$3,073	CP4E
ATV630D15N4EU	ATV630EU NEMA12 460V 20 HP	\$3,600	CP4E
ATV630D18N4EU	ATV630EU NEMA12 460V 25 HP	\$4,174	CP4E
ATV630D22N4EU	ATV630EU NEMA12 460V 30 HP	\$4,795	CP4E
ATV630D30N4EU	ATV630EU NEMA12 460V 40 HP	\$5,672	CP4E
ATV630D37N4EU	ATV630EU NEMA12 460V 50 HP	\$6,671	CP4E

ATV630 Options and Accessories

Part No.	Description	List Price	Discount Schedule
490NTC00005	ETHERNET SFTP 5M CROSSED	\$87	PC41
490NTC00005U	ETHERNET SFTP 5M CROSSED CABLE W/UL	\$86	PC45
490NTC00015	ETHERNET SFTP 15M CROSSED	\$125	PC45
490NTC00015U	ETHERNET SFTP 15M CROSSED CABLE W/UL	\$122	PC41
490NTW00002	ETHERNET SFTP 2M CORD	\$73	PC45
490NTW00002U	ETHERNET SFTP 2M CORD CABLE W/UL	\$72	PC41
490NTW00005	ETHERNET SFTP 5 M CORD	\$87	PC45
490NTW00005U	ETHERNET SFTP 5M CORD CABLE W/UL	\$86	PC41
490NTW00012	ETHERNET SFTP 12M CORD	\$116	PC45
490NTW00012U	ETHERNET SFTP 12M CORD CABLE W/UL	\$113	PC41
LU9GC3	MODBUS HUB	\$312	I11
NSYPTDS1	FLANGE MOUNT KIT ATV600/900 FS1	\$279	CP4E
NSYPTDS2	FLANGE MOUNT KIT ATV600/900 FS2	\$325	CP4E
NSYPTDS3	FLANGE MOUNT KIT ATV600/900 FS3	\$438	CP4E
NSYPTDS4	FLANGE MOUNT KIT ATV600/900 FS4	\$477	CP4E
NSYPTDS5	FLANGE MOUNT KIT ATV600/900 FS5	\$667	CP4E
TCSCAR013M120	CANopen end of line terminator RJ45 conn	\$20	CP4C
TCSCAR01NM120	RESISTOR TERMINATION	\$10	CP4C
TCSWAAC13FB	UNIVERSAL BLUETOOTH INTERFACE	\$180	PC41
TCSXCNAMUM3P	USB PROGRAMMING CABLE, 3M	\$203	PC12
TSXCANCA100	CANOPEN STANDARD CABLE LSZH 100M	\$701	PC12
TSXCANCA300	CANOPEN STANDARD CABLE LSZH 300M	\$1,985	PC12
TSXCANCA50	CANOPEN STANDARD CABLE LSZH 50M	\$168	PC12
TSXCANCADD03	CANOPEN PRE-ASSEMBLED DROP LSZH 0,3M	\$78	PC12
TSXCANCADD1	CANOPEN PRE-ASSEMBLED DROP LSZH 1M	\$83	PC12
TSXCANCB100	CANOPEN CABLE UL/IEC332-2 100M	\$149	PC22

Part No.	Description	List Price	Discount Schedule
TSXCANCB300	CANOPEN CABLE UL/IEC332-2 300M	\$800	PC22
TSXCANCB50	CANOPEN CABLE UL/IEC332-2 50M	\$149	PC22
TSXCANCBDD3	CANOPEN PRE-ASS DROP UL/IEC332-2 3M	\$68	PC22
TSXCANCBDD5	CANOPEN PRE-ASS DROP UL/IEC332-2 5M	\$78	PC22
TSXCANKCDF180T	CANOPEN SUBD FEMALE CONNECTOR 180	\$78	PC22
TSXCANTDM4	CANOPEN 4 DSUB PORTS TAP	\$158	PC22
VW3A1104R10	RJ45-RJ45 CBL FOR REMOTE LCD KYPD 1 MET	\$35	CP4C
VW3A1104R100	RJ45-RJ45 CBL FOR REMOTE LCD KYPD 10 ME	\$45	CP4C
VW3A1104R30	RJ45-RJ45 CBL FOR REMOTE LCD KYPD 3 MET	\$35	CP4C
VW3A1104R50	RJ45-RJ45 CBL FOR REMOTE LCD KYPD 5 MET	\$35	CP4C
VW3A1111	Graphic keypad	\$175	CP4E
VW3A1112	Door Mounting kit Graphic keypad Type 12	\$80	CP4E
VW3A3203	Digital and Analog I/O extension module	\$165	CP4E
VW3A3204	Output Relays extension module	\$195	CP4E
VW3A3607	Profibus DP V1 Option Module	\$281	PC51
VW3A3608	CAN 2 * RJ45 Option Module	\$130	PC51
VW3A3609	DEVICE NET OPTION 5 POS SCREW CONNECTOR	\$185	CP4B
VW3A3618	CAN SUB-D9 Option Module	\$149	PC51
VW3A3627	Profinet com card for ATV32	\$300	CP4B
VW3A3628	CAN OPEN OPTION 5 POS SCREW CONNECTOR	\$130	CP4B
VW3A3628	CAN OPEN OPTION 5 POS SCREW CONNECTOR	\$130	CP4B
VW3A3720	ATV630 COMMS MODULE ETHERNET IP	\$275	CP4E
VW3A8306R03	RJ45-RJ45 CABLE 1/3 METER	\$20	CP1G
VW3A8306R10	RJ45-RJ45 CABLE 1 METER	\$25	CP1G
VW3A8306R30	RJ45-RJ45 CABLE 3 METER	\$30	CP1G
VW3A8306RC	MODBUS END ADAPTORFOR RJ45 PLUG 120 OHM	\$6	CP1G
VW3A8306TF03	RJ45 T-CABLE 1/3 METER	\$75	CP1G
VW3A8306TF10	RJ45 T-CABLE 1 METER	\$85	CP1G
VW3A9704	CONDUIT BOX SIZE6 ULTYPE 1	\$553	CP4E
VW3CANCARR03	CANopen cable 0.3 m	\$25	CP4B
VW3CANCARR1	CANopen cable 1 m	\$25	CP4B
VW3CANTAP2	CANopen adapter junction box	\$150	CP4B

Enclosed Altivar 660 drive systems

Product Description

From basic design to a customized offer the Altivar Process enclosed drives offer extensive flexibility in Water & Wastewater, Oil & Gas, Mining, Minerals & Metals, and Food & Beverage applications. Depending on the customer's requirements, wall-mounted and floor standing solutions are available.

Available from 1 HP to 900 HP, these low voltage engineered drives provide a high level of performance focusing on higher horse power ratings in a Type 1, Type 12 and certain ranges at Type 3R enclosure.



Useful Links:

[Link to eCatalog \(coming soon\)](#)

[Link to User Manual](#)

[Link to Website](#)

Part Number Description – Enclosed ATV660

ATV660 D22 T4 N 2 G N W A B N G									
Product Line (Utility) 660 ATV660 Drive System 680 Low Harmonic					Miscellaneous Options <i>(See miscellaneous options below)</i>				
Product Line (Industry) 960 Drive System 980 Regen					Communication Card N None A Profibus DP B CANopen daisy chain C Devicenet D CANopen sub-D9 E CANopen open style F Profinet G Ethernet/IP-VW3A3720				
Horsepower Rating <i>(See selection table below)</i>					Light Options N None A Red pwr on, Yellow tripped, Green AFC run, Yellow Auto. B Red pwr on, Yellow tripped, Green AFC Run (default)				
Voltage U3 230 V T4 460 V					Control Options N Prewired for HOA A HOA.Speed Pot (default) B HOA.Speed Pot, Start-Stop				
Duty Rating N Normal Duty H Heavy Duty					Power Circuit W Without bypass (default) Y Bypass (< 300 HP)				
Certification 2 UL 6 cUL					Harmonic Mitigation N None A 5% Line Impedance M Harmonic Filter				
Enclosure Type G Type 1 (default) A Type 12 H Type 3R (< 150 HP)									

Price Tables – Enclosed ATV660

Duty Rating HP Max. Output Current (A) HP Code Frame Size					List Price - Type 1 General Purpose Enclosures		Enclosure Type Adders		Harmonic Mitigation Adders		Drive Service Switch Adder-Option T
					Without bypass pkg - Option W	Full Voltage Bypass - Option Y	Type 12 - Option A	Type 3R - Option H	5% Line Impedance - Option A	Harmonic Filter - Option M	
Three-phase supply voltage: 230 V - Option U3											
ND	1	4.6	U07	A	\$2,416	\$2,745	\$172	\$867	\$73	N/A	\$182
-	-	-									
ND	2	8	U15	A	\$2,471	\$2,808	\$172	\$867	\$73	N/A	\$188
HD	1	4.6									
ND	3	11.2	U22	A	\$2,487	\$2,826	\$172	\$867	\$99	N/A	\$191
HD	2	8									
-	-	-	U30	A	\$2,670	\$3,035	\$172	\$867	\$139	N/A	\$203
HD	3	11.2									
ND	5	18.7	U40	A	\$2,670	\$3,035	\$172	\$867	\$139	N/A	\$203
-	-	-									
ND	7.5	25.4	U55	A	\$2,904	\$3,098	\$172	\$867	\$172	N/A	\$220
HD	5	18.7									
ND	10	32.7	U75	B	\$3,324	\$3,709	\$186	\$1,146	\$172	N/A	\$225
HD	7.5	25.4									
ND	15	46.8	D11	B	\$3,609	\$4,100	\$186	\$1,146	\$334	N/A	\$265
HD	10	32.7									
ND	20	63.4	D15	C	\$4,037	\$4,586	\$250	\$1,507	\$442	N/A	\$307
HD	15	46.8									
ND	25	78.4	D18	C	\$4,909	\$6,041	\$250	\$1,507	\$442	N/A	\$375
HD	20	63.4									
ND	30	92.6	D22	C	\$5,546	\$7,678	\$250	\$1,507	\$442	N/A	\$466
HD	25	78.4									
ND	40	123	D30	D	\$6,607	\$8,843	\$350	\$2,261	\$451	N/A	\$450
HD	30	92.6									
ND	50	149	D37	D	\$9,009	\$10,998	\$350	\$2,261	\$451	N/A	N/A
HD	40	123									
ND	60	175	D45	D	\$11,419	\$13,525	\$350	\$2,261	\$451	N/A	N/A
HD	50	149									

Continued on next page

Duty Rating HP Max. Output Current (A) HP Code Frame Size					List Price - Type 1 General Purpose Enclosures		Enclosure Type Adders		Harmonic Mitigation Adders		Drive Service Switch Adder - Option T
					Without bypass pkg - Option W	Full Voltage Bypass - Option Y	Type 12 - Option A	Type 3R - Option H	5% Line Impedence - Option A	Harmonic Filter - Option M	
Three-phase supply voltage: 460 V - Option T4											
ND	1	2.2	U07	A	\$2,095	\$2,758	\$172	\$867	\$73	-	\$85
HD	-	-									
ND	2	4	U15	A	\$2,228	\$2,915	\$172	\$867	\$73	-	\$88
HD	1	2.2									
ND	3	5.6	U22	A	\$2,366	\$3,040	\$172	\$867	\$84	-	\$96
HD	2	4									
ND	5	9.3	U30	A	\$2,579	\$3,299	\$172	\$867	\$84	-	\$107
HD	3	5.6									
ND	7.5	12.7	U55	A	\$2,867	\$3,584	\$172	\$867	\$84	-	\$116
HD	5	9.3									
ND	10	16.5	U75	A	\$3,430	\$4,018	\$172	\$867	\$84	-	\$129
HD	7.5	12.7									
ND	15	23.5	D11	A	\$3,838	\$4,354	\$172	\$867	\$172	-	\$179
HD	10	16.5									
ND	20	31.7	D15	B	\$4,187	\$4,997	\$186	\$1,146	\$172	-	\$255
HD	15	23.5									
ND	25	39.2	D18	B	\$4,833	\$5,492	\$186	\$1,146	\$183	-	\$270
HD	20	31.7									
ND	30	46.3	D22	B	\$5,696	\$6,793	\$186	\$1,146	\$194	-	\$280
HD	25	39.2									
ND	40	61.5	D30	C	\$6,666	\$7,927	\$250	\$1,507	\$308	-	\$300
HD	30	46.3									
ND	50	74.5	D37	C	\$7,760	\$8,819	\$250	\$1,507	\$308	-	\$330
HD	40	61.5									
ND	60	88	D45	C	\$9,099	\$10,340	\$250	\$1,507	\$308	-	\$380
HD	50	74.5									
ND	75	106	D55	D	\$10,297	\$11,702	\$350	\$1,507	\$352	-	\$468
HD	60	88									
ND	100	145	D75	D	\$12,753	\$13,581	\$350	\$2,261	\$370	-	-
HD	75	106									
ND	125	173	D90	D	\$14,368	\$18,726	\$350	\$2,261	\$451	-	-
HD	100	145									
ND	150	211	C11	1P	\$17,710	\$25,430	\$1,100	N/A	\$500	\$12,280	-
HD	125	173									
ND	200	250	C13	1P	\$21,298	\$29,253	\$1,100	N/A	\$650	\$13,750	-
HD	150	180									
ND	250	302	C16	1P	\$24,633	\$33,008	\$1,100	N/A	\$800	\$17,659	-
HD	200	240									
ND	300	370	C20	2P	\$28,991	ETO	\$1,400	N/A	\$1,000	\$23,575	-
HD	250	302									
ND	400	477	C25	2P	\$37,454	-	\$1,400	N/A	\$1,200	\$27,037	-
HD	300	370									
ND	500	590	C31	2P	\$48,476	ETO	\$1,400	N/A	\$1,350	-	-
HD	400	477									
ND	600	730	C40	3P	\$56,383	-	\$1,600	N/A	\$1,450	-	-
HD	500	590									
ND	700	900	C50	3P	\$65,957	-	\$1,600	N/A	\$1,550	-	-
HD	600	730									
ND	900	1140	C63	4P	\$89,362	-	\$1,600	N/A	\$1,650	-	-
HD	700	900									

Price Tables – Enclosed ATV660 Options

Control Options (pick one)		
Code	Description	Price
N	Prewired for remote HOA	No cost
	No door-mounted control operators are provided. Omit a control option selection when ordering to receive no operators.	
A	HOA, Speed Pot [default]	No cost
	Provides a door-mounted Hand-Off-Auto selector switch for operating the drive system (two-wire control scheme).	
B	HOA, Speed Pot, Start-Stop	\$70
	Provides a door-mounted, Hand-Off-Auto selector switch, a Start push button, and a Stop push button (mixed mode control scheme)	
ETO	St-Stp,SP, Non by only	\$53
	Engineered-to-order	
ETO	St-Stp,Fwd-Rev,SP, Non by only	\$139
	Engineered-to-order	

Light Options (pick one)		
Code	Description	Price
N	None	No cost
	No door-mounted lights are provided. Omit a pilot light option selection when ordering to receive no lights.	
A	Red Pwr on, Yellow Tripped, Green AFC Run, Yellow Auto	\$171
	Provides red Run (On), green Run, and yellow Trip and Auto pilot lights for status enunciation.	
B	Red Pwr on, Yellow Tripped, Green AFC Run (default)	\$129
	Provides red Run (On), green Run, and yellow Trip pilot lights for status enunciation.	
ETO	Red Pw On,Yel Tr,Gr Fw,Gr Rev, NonBy	\$171
	Engineered-to-order	
ETO	Red Pw On,Yel Tr,Gr Rn,BI Hnd,Yell Auto	\$216
	Engineered-to-order	

Communication Cards (pick one)		
<u>Code</u>	<u>Description</u>	<u>Price</u>
N	None (Default)	\$0
A	Profibus DP V1	\$332
	Provides a factory installed plug-in Profibus DP V1 card (VW3A3607). Connect to the Profibus DP card with one nine-pin female SUB-D connector.	
B	CANopen Daisy Chain	\$150
	Provides a factory installed plug-in CANopen daisy chain card (VW3A3608). Connect to the CANopen daisy chain card with two RJ-45 ports.	
C	DeviceNet	\$332
	Provides a factory installed plug-in DeviceNet card (VW3A3609). Connect to the DeviceNet card with one five-point terminal block.	
D	CANopen SUB-D	\$150
	Provides a factory installed plug-in CANopen Sub-D9 card (VW3A3618). Connect to the CANopen Sub-D9 card with one nine-pin male SUB-D connector.	
E	CANopen Open Style	\$130
	Provides a factory installed plug-in CANopen open style card (VW3A3628). Connect to the CANopen open style card with one five-point terminal block.	
F	ProfiNet	\$300
	Provides a factory installed plug-in ProfiNet card (VW3A3627). Connect to the ProfiNet card with two RJ-45 ports.	
G	Ethernet IP / Modbus TCP Dual Port	N/A
	Provides a factory installed plug-in Ethernet IP card (VW3A3720). Connect to the Ethernet IP card with two RJ-45 ports.	

Miscellaneous Options		
<u>Code</u>	<u>Description</u>	<u>Price</u>
A	Ethernet Port in the front door (connect to RJ45 Ethernet port on control block, used for PC/iPad connection)	\$75
	Provides a port on the door of the enclosed drive for making an Ethernet connection.	
B	Line Contactor - 3 Contactor Bypass (Available 100HP ND and up, Service switch for lower HP range)	Horsepower rating: 125 HD/150 ND \$2,125 150 HD/200 ND \$2,477 200 HD/250 ND \$2,755
	This option is only available for Power Circuit Y (Bypass). It provides a factory wired line contactor between the circuit breaker disconnect (or line reactor or harmonic filter when provided) and the power converter. When the line contactor is open, serial communication is disabled.	
C	Drive I/O extension Discrete 6I/2O, Analog 2I, VW 3A 3203	\$165
	Provides a factory installed I/O expansion card (VW3A3203). The card expands the available I/O with an additional six logic inputs, two logic outputs, and two analog inputs.	
D	Drive extended relay module - 3 NO Relays, VW 3A 3204	\$195
	Provides a factory installed relay output card (VW3A3204). The card adds three normally open contacts that may be assigned within drive logic.	

E	0-10v Auto speed reference	\$0
	Provides a 0–10 V user-supplied auto speed reference signal into the AI2 input, terminals 12 and 13 on terminal block TB1. The 0–10 V analog input is not optically isolated.	
F	1 N. O. Auxiliary Auto Mode Contact	\$216
	Provides one Form A, normally open (N.O.) contact, rated 5 A at 120 Vac, wired to the terminal blocks. The contact(s) change state when the controller is placed in Auto (Remote) mode.	
G	Transient Voltage Surge Sup TYPE 1 SPD 40K	\$100
	Provides an integrated Type 1 supplementary voltage surge protective device to protect equipment in the event of transient voltage surges associated with some electrical power distribution systems. The SPD is suitable for peak surge currents up to 40 kA.	
H	Transient Voltage Surge Sup TYPE 2 SPD 80K	\$400
	Provides an integrated Type 2 supplementary voltage surge protective device (SPD) to protect equipment in the event of transient voltage surges associated with some electrical power distribution systems. The SPD is suitable for peak surge currents up to 80 kA.	
K	Additional 150VA control power transformer	\$202
	Provides additional VA capacity of the control power transformer to power field installable equipment and control circuits.	
L	Push-to-test pilot lights	\$146
	Provides a push-to-test feature on all pilot lights except Power On.	
P	Permanent wire markers (Sleeve type)	\$1,100
	Provides permanent wire markers for control wires for use in identification and troubleshooting of control circuits.	
Q	Trip Reset Button (replaces Door mounted OVERLOAD RESET Push Button (Electronic))	\$117
	Provides a push button signal to reset a drive trip or bypass overload trip. Mod Y10 Bypass must also be selected.	
S	50 Deg C ambient (Velocity only)	\$500
	Provides a high ambient equipment rating above 40 °C (104 °F) to a maximum of 50 °C (122 °F) without derating.	
T	Drive Input Disconnect Switch (Service Switch (Velocity only, 75hp ND AND LOWER))	See price table
	Provides an input line power disconnect switch between the mains power disconnect and the power converter. The Drive Input Disconnect Switch will disconnect line power to the power converter. The motor can run in bypass mode in the unlikely event the power converter becomes inoperative.	
U	Top Entry Cubical (MCE only, Starting @ 150hp ND/125hp HD)	ETO
	Provides additional wireway space for floor-mounted equipment, especially where mains or motor conductors are feed from the top of the equipment.	
V	ARRA Compliance - Assembled in the US (60HP & below)	10% of total line item list price
	Assembled in the United States is optional for wall mount units only. All floor standing units are assembled in the United States.	
X	DV/DT filter (1000ft, 300m) - 460V only	
	Provides a factory mounted and wired DV/DT filter on the drive output for long motor lead lengths in excess of published guidelines.	
	HP rating:	
	125 HD/150 ND	\$4,018
	150 HD/200 ND	\$4,095
	200 HD/250 ND	\$4,122
	250 HD/300 ND	\$4,337
	300 HD/400 ND	\$5,363
	400 HD/500 ND	\$5,620

Enclosed Altivar 680 drive systems

Product Description

The Altivar 680 Low Harmonic Drive System is a packaged, high-performance solution for low harmonic applications. This active front end (AFE) drive features a three-level input switching stage which reduces common mode voltage and improves performance and efficiency due to custom designed filtering and the three-level design. As such, it provides reduced motor bearing currents and improves the average motor lifespan. The basic equipment contains active in-feed modules and filter components as well as frequency inverter modules, semiconductor fuses, a main switch, a dv/dt filter choke from 300 hp (200 kW) for the protection of the motor, and spacious mains and bus bars for connection of power cables. This new technology reaches a total distortion factor, THD(i), of around 2% and therefore fulfills the requirements according to IEEE 519 of THD(i) < 5% in the case of distorted mains voltage. This robust, adjustable speed drive system is UL 508A Listed for all ratings, with selectable control and power configurations. It is available in Types 1 and 12, in the following ranges. See pages 48–55 for frame dimensions.

- Frame 1a: 150–250 hp (110–160 kW) ND and 125–200 hp (90–130 kW) HD
- Frame 2a: 300–500 hp (200–310 kW) ND and 250–400 hp (160–250 kW) HD
- Frame 3a: 600–700 hp (400–500 kW) ND and 500–500 hp (310–400 kW) HD
- Frame 4a: 900 hp (630 kW) ND and 700 hp (500 kW) HD



Useful Links:

[Link to eCatalog \(coming soon\)](#)

[Link to User Manual \(coming soon\)](#)

[Link to Website \(coming soon\)](#)

Part Number Description – Enclosed ATV680

ATV680 D22 T4 N 2 G N W A B N G		Miscellaneous Options (See miscellaneous options below)
Product Line (Utility) 660 ATV660 Drive System 680 Low Harmonic		Communication Card N None A Profibus DP B CANopen daisy chain C Devicenet D CANopen sub-D9 E CANopen open style F Profinet G Ethernet/IP-VW3A3720
Product Line (Industry) 960 Drive System 980 Regen		
Horsepower Rating (See selection table below)		Light Options N None A Red pwr on, Yellow tripped, Green AFC run, Yellow Auto. B Red pwr on, Yellow tripped, Green AFC Run (default)
Voltage U3 230 V T4 460 V		
Duty Rating N Normal Duty H Heavy Duty		Control Options N Prewired for HOA A HOA.Speed Pot (default) B HOA.Speed Pot, Start-Stop
Certification 2 UL 6 cUL		
Enclosure Type G Type 1 (default) A Type 12 H Type 3R (< 150 HP)		Power Circuit W Without bypass (default) Y Bypass (< 300 HP)
		Harmonic Mitigation N None A 5% Line Impedance M Harmonic Filter

Price Tables – Enclosed ATV680

Duty Rating HP Max. Output Current (A) HP Code Frame Size					List Price - Type 1 General Purpose Enclosures			Enclosure Type Adders
					Without bypass pkg - Option W	Full Voltage Bypass - Option Y	Soft Starter Bypass - Option S	Type 12 - Option A
Three-phase supply voltage: 460 V - Option T4								
ND	150	211	C11	1a	\$31,596	\$7,720	\$15,587	\$1,100
HD	-	-						
ND	200	250	C13	1a	\$34,468	\$7,955	\$16,339	\$1,100
HD	150	211						
ND	250	302	C16	1a	\$39,362	\$8,375	\$17,518	\$1,100
HD	200	250						
ND	300	370	C20	2a	\$50,532	ETO	\$23,500	\$1,400
HD	250	302						
ND	400	477	C25	2a	\$64,894	N/A	\$25,543	\$1,400
HD	300	370						
ND	500	590	C31	2a	\$82,128	ETO	\$28,739	\$1,400
HD	400	477						
ND	600	730	C40	3a	\$94,125	N/A	N/A	\$1,400
HD	500	590						
ND	700	900	C50	3a	\$106,383	N/A	N/A	\$1,400
HD	600	730						
ND	900	1140	C63	4a	\$131,915	N/A	N/A	\$1,600
HD	700	900						

Price Tables – Enclosed ATV660 Options

Control Options (pick one)		
Code	Description	Price
N	Prewired for remote HOA	No Cost
	No door-mounted control operators are provided. Omit a control option selection when ordering to receive no operators.	
A	HOA, Speed Pot [default]	No Cost
	Provides red Run (On), green Run, and yellow Trip and Auto pilot lights for status enunciation.	
B	HOA, Speed Pot, Start-Stop	\$70
	Provides red Run (On), green Run, and yellow Trip pilot lights for status enunciation.	
ETO	St-Stp,SP, Non by only	\$53
	Engineered-to-order	
ETO	St-Stp,Fwd-Rev,SP, Non by only	\$139
	Engineered-to-order	

Light Options (pick one)		
<u>Code</u>	<u>Description</u>	<u>Price</u>
N	None	No Cost
	No door-mounted lights are provided. Omit a pilot light option selection when ordering to receive no lights.	
A	Red Pwr on, Yellow Tripped, Green AFC Run, Yellow Auto	\$171
	Provides red Run (On), green Run, and yellow Trip and Auto pilot lights for status enunciation.	
B	Red Pwr on, Yellow Tripped, Green AFC Run (default)	\$129
	Provides red Run (On), green Run, and yellow Trip pilot lights for status enunciation.	
ETO	Red Pw On,Yel Tr,Gr Fw,Gr Rev, NonBy	\$171
	Engineered-to-order	
ETO	Red Pw On,Yel Tr,Gr Rn,BI Hnd,Yell Auto	\$216
	Engineered-to-order	

Communication Cards (pick one)		
<u>Code</u>	<u>Description</u>	<u>Price</u>
N	None (Default)	No Cost
A	Profibus DP - VW 3A 3607	\$332
	Provides a factory installed plug-in Profibus DP V1 card (VW3A3607). Connect to the Profibus DP card with one nine-pin female SUB-D connector.	
B	CANopen Daisy chain 2XRJ45 - VW 3A 3608	\$150
	Provides a factory installed plug-in CANopen daisy chain card (VW3A3608). Connect to the CANopen daisy chain card with two RJ-45 ports.	
C	Devicenet - VW 3A 3609	\$332
	Provides a factory installed plug-in DeviceNet card (VW3A3609). Connect to the DeviceNet card with one five-point terminal block.	
D	CANopen SUB-D9 - VW 3A 3618	\$150
	Provides a factory installed plug-in CANopen Sub-D9 card (VW3A3618). Connect to the CANopen Sub-D9 card with one nine-pin male SUB-D connector.	
E	CANopen open style - VW 3A 3628	\$130
	Provides a factory installed plug-in CANopen open style card (VW3A3628). Connect to the CANopen open style card with one five-point terminal block.	
F	Profinet - VW 3A 3627	\$300
	Provides a factory installed plug-in ProfiNet card (VW3A3627). Connect to the ProfiNet card with two RJ-45 ports.	
G	Ethernet/IP - VW 3A 3720	N/A
	Provides a factory installed plug-in Ethernet IP card (VW3A3720). Connect to the Ethernet IP card with two RJ-45 ports.	

Miscellaneous Options		
<u>Code</u>	<u>Description</u>	<u>Price</u>
A	Ethernet Port in the front door (connect to RJ45 Ethernet port on control block, used for PC/iPad connection)	\$75
	Provides a port on the door of the enclosed drive for making an Ethernet connection.	
B	Line Contactor	\$165
	This option is only available for Power Circuit Y (Bypass). It provides a factory wired line contactor between the circuit breaker disconnect (or line reactor or harmonic filter when provided) and the power converter. When the line contactor is open, serial communication is disabled.	
C	Drive I/O extension Discrete 6I/2O, Analog 2I, VW 3A 3203	\$165
	Provides a factory installed I/O expansion card (VW3A3203). The card expands the available I/O with an additional six logic inputs, two logic outputs, and two analog inputs.	
D	Drive extended relay module - 3 NO Relays, VW 3A 3204	\$195

	Provides a factory installed relay output card (VW3A3204). The card adds three normally open contacts that may be assigned within drive logic.	
E	0-10v Auto speed reference	No Cost
	Provides a 0–10 V user-supplied auto speed reference signal into the AI2 input, terminals 12 and 13 on terminal block TB1. The 0–10 V analog input is not optically isolated.	
F	1 N. O. Auxiliary Auto Mode Contact	\$216
	Provides one Form A, normally open (N.O.) contact, rated 5 A at 120 Vac, wired to the terminal blocks. The contact(s) change state when the controller is placed in Auto (Remote) mode.	
G	Transient Voltage Surge Sup TYPE 1 SPD 40K	\$100
	Provides an integrated Type 1 supplementary voltage surge protective device to protect equipment in the event of transient voltage surges associated with some electrical power distribution systems. The SPD is suitable for peak surge currents up to 40 kA.	
H	Transient Voltage Surge Sup TYPE 2 SPD 80K	\$400
	Provides an integrated Type 2 supplementary voltage surge protective device (SPD) to protect equipment in the event of transient voltage surges associated with some electrical power distribution systems. The SPD is suitable for peak surge currents up to 80 kA.	
K	Additional 150VA control power transformer	\$202
	Provides additional VA capacity of the control power transformer to power field installable equipment and control circuits.	
L	Push-to-test pilot lights	\$146
	Provides a push-to-test feature on all pilot lights except Power On.	
P	Permanent wire markers (Sleeve type)	\$1,100
	Provides permanent wire markers for control wires for use in identification and troubleshooting of control circuits.	
Q	Trip Reset Button (replaces Door mounted OL RESET Push Button (Electronic))	\$117
	Provides a push button signal to reset a drive trip or bypass overload trip. Mod Y10 Bypass must also be selected.	
U	Top Entry Cubical (when available)	\$117
	Provides additional wireway space for floor-mounted equipment, especially where mains or motor conductors are feed from the top of the equipment.	
X	DV/DT filter (1000ft, 300m) - 460V only	
	Provides a factory mounted and wired DV/DT filter on the drive output for long motor lead lengths in excess of published guidelines.	
	Horsepower rating:	
	125 HD/150 ND	
	150 HD/200 ND	
	200 HD/250 ND	\$4,122
	250 HD/300 ND	\$4,337

Altivar 930 Variable Speed Drives

Product Description

Altivar Process is the new comprehensive range of variable speed drives from Schneider Electric covering the majority of industrial applications with 2 series:

- > ATV600: drives focused on fluid management and processing and energy saving
- > ATV900: drives focused on maximum productivity with exceptional motor control and connectivity.



Useful Links:

[Link to eCatalog](#)

[Link to User Manual](#)

[Link to Website](#)

Price Tables – ATV930 Drives

Part No.	Description	List Price	Discount Schedule
Three-phase supply voltage: 200...240 V 50/60 Hz			
ATV930U07M3	SPEEDDRIVE,TYPE1,1HP200v/240vwithbc	\$1,106	CP4E
ATV930U15M3	SPEEDDRIVE,TYPE1,2HP200v/240vwithbc	\$1,129	CP4E
ATV930U22M3	SPEEDDRIVE,TYPE1,3HP200v/240vwithbc	\$1,237	CP4E
ATV930U30M3	SPEEDDRIVE,TYPE1,4HP200v/240vwithbc	\$1,396	CP4E
ATV930U40M3	SPEEDDRIVE,TYPE1,5HP200v/240vwithbc	\$1,546	CP4E
ATV930U55M3	SPEEDDRIVE,TYPE1,7.5HP200v/240vwithbc	\$1,828	CP4E
ATV930U75M3	SPEEDDRIVE,TYPE1,10HP200v/240vwithbc	\$2,195	CP4E
ATV930D11M3	SPEEDDRIVE,TYPE1,15HP200v/240vwithbc	\$2,630	CP4E
ATV930D15M3	SPEEDDRIVE,TYPE1,20HP200v/240vwithbc	\$3,217	CP4E
ATV930D22M3	SPEEDDRIVE,TYPE1,20HP200v/240vwithbc	\$4,603	CP4E
ATV930D18M3	SPEEDDRIVE,TYPE1,25HP200v/240vwithbc	\$3,756	CP4E
ATV930D30M3C	SPEEDDRIVE,TYPE1,40HP200v/240vw/obc	\$5,588	CP4E
ATV930D30M3	SPEEDDRIVE,TYPE1,40HP200v/240vwithbc	\$5,688	CP4E
ATV930D37M3C	SPEEDDRIVE,TYPE1,50HP200v/240vw/obc	\$6,484	CP4E
ATV930D37M3	SPEEDDRIVE,TYPE1,50HP200v/240vwithbc	\$6,584	CP4E
ATV930D45M3C	SPEEDDRIVE,TYPE1,60HP200v/240vw/obc	\$7,629	CP4E
ATV930D45M3	SPEEDDRIVE,TYPE1,60HP200v/240vwithbc	\$7,729	CP4E
ATV930D55M3C	SPEEDDRIVE,IP00,75HP200v/240vw/obc	\$9,049	CP4E
ATV930D75M3C	SPEEDDRIVE,IP00,100HP200v/240vw/obc	\$11,162	CP4E
Three-phase supply voltage: 380...480 V 50/60Hz			
ATV930U07N4	SPEEDDRIVE,Type1,1HP,400v/480 Vwithbc	\$1,246	CP4E
ATV930U15N4	SPEEDDRIVE,TYPE1,2HP,400v/480 Vwithbc	\$1,390	CP4E
ATV930U22N4	SPEEDDRIVE,TYPE1,3HP,400v/480 Vwithbc	\$1,514	CP4E
ATV930U30N4	SPEEDDRIVE,TYPE1,4HP400v/480 Vwithbc	\$1,556	CP4E
ATV930U40N4	SPEEDDRIVE,TYPE1,5HP400v/480 Vwithbc	\$1,627	CP4E
ATV930U55N4	SPEEDDRIVE,TYPE1,7.5HP400v/480 Vwithbc	\$1,861	CP4E
ATV930U75N4	SPEEDDRIVE,TYPE1,10HP400v/480 Vwithbc	\$2,171	CP4E
ATV930D11N4	SPEEDDRIVE,TYPE1,15HP400v/480 Vwithbc	\$2,576	CP4E
ATV930D15N4	SPEEDDRIVE,TYPE1,20HP400v/480 Vwithbc	\$3,117	CP4E
ATV930D18N4	SPEEDDRIVE,TYPE1,25HP400v/480 Vwithbc	\$3,558	CP4E

Part No.	Description	List Price	Discount Schedule
Three-phase supply voltage: 380...480 V 50/60Hz			
ATV930D22N4	SPEEDDRIVE,TYPE1,30HP400v/480 Vwithbc	\$3,973	CP4E
ATV930D30N4	SPEEDDRIVE,TYPE1,40HP400v/480 Vwithbc	\$4,811	CP4E
ATV930D37N4	SPEEDDRIVE,TYPE1,50HP400v/480 Vwithbc	\$5,692	CP4E
ATV930D45N4	SPEEDDRIVE,TYPE1,60HP400v/480 Vwithbc	\$6,962	CP4E
ATV930D55N4C	SPEEDDRIVE,TYPE1,75HP400v/480 Vw/obc	\$7,873	CP4E
ATV930D55N4	SPEEDDRIVE,TYPE1,75HP400v/480 Vwithbc	\$7,973	CP4E
ATV930D75N4C	SPEEDDRIVE,TYPE1,100HP400v/480 Vw/obc	\$9,046	CP4E
ATV930D75N4	SPEEDDRIVE,TYPE1, 100HP400V/480 Vwith bc	\$9,146	CP4E
ATV930D90N4C	SPEEDDRIVE,TYPE1,125HP400v/480 Vw/obc	\$11,001	CP4E
ATV930D90N4	SPEEDDRIVE,TYPE1,125HP400v/480 Vwithbc	\$11,011	CP4E
ATV930C11N4C	SPEEDDRIVEIP00,150HP,400v/480 Vw/obc	\$13,019	CP4E
ATV930C13N4C	SPEEDDRIVE,IP00,200HP,400v/480 Vw/obc	\$15,504	CP4E
ATV930C16N4C	SPEEDDRIVE,IP00,250HP,400v/480 Vw/obc	\$17,468	CP4E
ATV930C25N4C	SPEEDDRIVE,TYPE1,400HP,400V/480 V,W/O-BC	\$24,820	CP4E
ATV930C31N4C	SPEEDDRIVE,TYPE1,500HP,400V/480 V,W/O-BC	\$35,750	CP4E

ATV930 Options and Accessories

Part No.	Description	List Price	Discount Schedule
490NTC00005	ETHERNET SFTP 5M CROSSED	\$87	PC41
490NTC00005U	ETHERNET SFTP 5M CROSSED CABLE W/UL	\$86	PC45
490NTC00015	ETHERNET SFTP 15M CROSSED	\$125	PC45
490NTC00015U	ETHERNET SFTP 15M CROSSED CABLE W/UL	\$122	PC41
490NTW00002	ETHERNET SFTP 2M CORD	\$73	PC45
490NTW00002U	ETHERNET SFTP 2M CORD CABLE W/UL	\$72	PC41
490NTW00005	ETHERNET SFTP 5 M CORD	\$87	PC45
490NTW00005U	ETHERNET SFTP 5M CORD CABLE W/UL	\$86	PC41
490NTW00012	ETHERNET SFTP 12M CORD	\$116	PC45
490NTW00012U	ETHERNET SFTP 12M CORD CABLE W/UL	\$113	PC41
LU9AD7	PROFIBUS CONNECTOR	\$60	I11
LU9GC3	MODBUS HUB	\$312	I11
NSYCAF223	STANDARD SPARE FILTER F165	\$9	ES1
NSYCAF291	STANDARD SPARE FILTER F560	\$12	ES1
NSYPTDS1	FLANGE MOUNT KIT ATV600/900 FS1	\$279	CP4E
NSYPTDS2	FLANGE MOUNT KIT ATV600/900 FS2	\$325	CP4E
NSYPTDS3	FLANGE MOUNT KIT ATV600/900 FS3	\$438	CP4E
NSYPTDS4	FLANGE MOUNT KIT ATV600/900 FS4	\$477	CP4E
NSYPTDS5	FLANGE MOUNT KIT ATV600/900 FS5	\$667	CP4E
TCSCAR013M120	CANopen end of line terminator RJ45 conn	\$20	CP4C
TCSCAR01NM120	RESISTOR TERMINATION	\$10	CP4C
TCSEGB13FA0	Wifer Wi-Fi module	\$175	CP4E
TCSXCNAMUM3P	USB PROGRAMMING CABLE, 3M	\$203	PC12
TSXCANCA100	CANOPEN STANDARD CABLE LSZH 100M	\$701	PC12
TSXCANCA300	CANOPEN STANDARD CABLE LSZH 300M	\$1,985	PC12
TSXCANCA50	CANOPEN STANDARD CABLE LSZH 50M	\$168	PC12
TSXCANCADD03	CANOPEN PRE-ASSEMBLED DROP LSZH 0,3M	\$78	PC12
TSXCANCADD1	CANOPEN PRE-ASSEMBLED DROP LSZH 1M	\$83	PC12
TSXCANCB100	CANOPEN CABLE UL/IEC332-2 100M	\$149	PC22
TSXCANCB300	CANOPEN CABLE UL/IEC332-2 300M	\$800	PC22
TSXCANCB50	CANOPEN CABLE UL/IEC332-2 50M	\$149	PC22
TSXCANCBDD3	CANOPEN PRE-ASS DROP UL/IEC332-2 3M	\$68	PC22
TSXCANCBDD5	CANOPEN PRE-ASS DROP UL/IEC332-2 5M	\$78	PC22
TSXCANCD100	100M CANOPEN CABLE	\$608	PC22
TSXCANCD300	300M CANOPEN CABLE	\$1,642	PC22
TSXCANCD50	CANOPEN CABLE FLEXIBLE LSZH HD 50M	\$177	PC22
TSXCANKCDF180T	CANOPEN SUBD FEMALE CONNECTOR 180	\$78	PC22
TSXCANTDM4	CANOPEN 4 DSUB PORTS TAP	\$158	PC22
VW3A1104R10	RJ45-RJ45 CBL FOR REMOTE LCD KYPD 1 MET	\$35	CP4C
VW3A1104R100	RJ45-RJ45 CBL FOR REMOTE LCD KYPD 10 ME	\$45	CP4C
VW3A1104R30	RJ45-RJ45 CBL FOR REMOTE LCD KYPD 3 MET	\$35	CP4C
VW3A1104R50	RJ45-RJ45 CBL FOR REMOTE LCD KYPD 5 MET	\$35	CP4C
VW3A1111	Graphic keypad	\$175	CP4E
VW3A1112	Door Mounting kit Graphic keypad Type 12	\$80	CP4E
VW3A3203	Digital and Analog I/O extension module	\$165	CP4E
VW3A3204	Output Relays extension module	\$195	CP4E

Part No.	Description	List Price	Discount Schedule
VW3A3420	Encoder interface module digital 5/12v	\$85	CP4E
VW3A3422	Analog Interface Encoder Module for ATV900	\$335	CP4E
VW3A3423	RESOLVER INTRFACE MODULE ELECTRONIC CARD	\$105	CP4E
VW3A3601	ETHERCAT MODULE FOR LEXIUM-32 DRIVE	\$300	PC51
VW3A3607	Profibus DP V1 Option Module	\$281	PC51
VW3A3608	CAN 2 * RJ45 Option Module	\$130	PC51
VW3A3609	DEVICE NET OPTION 5 POS SCREW CONNECTOR	\$185	CP4B
VW3A3618	CAN SUB-D9 Option Module	\$149	PC51
VW3A3627	Profinet com card for ATV32	\$300	CP4B
VW3A3628	CAN OPEN OPTION 5 POS SCREW CONNECTOR	\$130	CP4B
VW3A8306R03	RJ45-RJ45 CABLE 1/3 METER	\$20	CP1G
VW3A8306R10	RJ45-RJ45 CABLE 1 METER	\$25	CP1G
VW3A8306R30	RJ45-RJ45 CABLE 3 METER	\$30	CP1G
VW3A8306RC	MODBUS END ADAPTORFOR RJ45 PLUG 120 OHM	\$6	CP1G
VW3A8306TF03	RJ45 T-CABLE 1/3 METER	\$75	CP1G
VW3A8306TF10	RJ45 T-CABLE 1 METER	\$85	CP1G
VW3A9212	Type 1 Kit: ATV61/ 71 HC16N4	\$588	CP4C
VW3A9213	Type 1 Kit: ATV6171HC20N4 - HC28N4	\$604	CP4C
VW3A9214	T-1KIT:ATV6171HC20N4-HC31n4	\$604	CP4C
VW3A9704	CONDUIT BOX SIZE6 ULTYPE 1	\$553	CP4E
VW3CANCARR03	CANopen cable 0.3 m	\$25	CP4B
VW3CANCARR1	CANopen cable 1 m	\$25	CP4B
VW3CANTAP2	CANopen adapter junction box	\$150	CP4B
VW3M4701	Master enc cable 15way male to flying leads 1m	\$83	PC51
VX5VPM001	Power electronic fan kit/DC48V	\$203	CP4E
VX5VPS3001	Fan Kit ATV630 Size 3	\$165	CP4E
VX5VPS4001	Fan Kit ATV630 Size 4	\$195	CP4E
VX5VPS5001	Fan Kit ATV630 Size 5	\$215	CP4E
ZB5AZ905	KEY FOR TIGHTENING FIXING NUT	\$12	CS2

Enclosed Altivar 960 drive systems

Product Description

The ATV960 High Performance Drive Systems range offers standard enclosures ready to connect. The modular system concept with more than 80 selectable options makes it possible to adapt the enclosure unit optimally to individual requirements. The fully-tested, ready-to-connect enclosure allows quick installation and commissioning of the drive.



Useful Links:

[Link to eCatalog](#)

[Link to User Manual](#)

[Link to Website \(coming soon\)](#)

Part Number Description – Enclosed ATV960

ATV960 D22 T4 N 2 G N W A B N G	
Product Line (Utility) 660 ATV660 Drive System 680 Low Harmonic	Miscellaneous Options <i>(See miscellaneous options below)</i>
Product Line (Industry) 960 Drive System 980 Regen	
Horsepower Rating <i>(See selection table below)</i>	
Voltage U3 230 V T4 460 V	
Duty Rating N Normal Duty H Heavy Duty	
Certification 2 UL 6 cUL	
Enclosure Type G Type 1 (default) A Type 12 H Type 3R (< 150 HP)	Communication Card N None A Profibus DP B CANopen daisy chain C Devicenet D CANopen sub-D9 E CANopen open style F Profinet G Ethernet/IP-VW3A3720
	Light Options N None A Red pwr on, Yellow tripped, Green AFC run, Yellow Auto. B Red pwr on, Yellow tripped, Green AFC Run (default)
	Control Options N Prewired for HOA A HOA, Speed Pot (default) B HOA, Speed Pot, Start-Stop
	Power Circuit W Without bypass (default) Y Bypass (< 300 HP)
	Harmonic Mitigation N None A 5% Line Impedance M Harmonic Filter

Price Tables – Enclosed ATV960

Duty Rating	HP	Max. Output Current (A)	HP Code	Frame Size	List Price - Type 1 General Purpose Enclosures		Enclosure Type Adders		Harmonic Mitigation Adders		Drive Service Switch - Option T
					Without bypass pkg - Option W	Full Voltage Bypass - Option Y	Type 12 - Option A	Type 3R - Option H	5% Line Impedence - Option A	Harmonic Filter - Option M	
Three-phase supply voltage: 230 V - Option U3											
ND	1	4.6	U07	A	\$2,586	\$2,915	\$172	\$867	\$73	N/A	\$182
-	-	-									
ND	2	8	U15	A	\$2,643	\$2,980	\$172	\$867	\$73	N/A	\$188
HD	1	4.6									
ND	3	11.2	U22	A	\$2,661	\$3,000	\$172	\$867	\$99	N/A	\$191
HD	2	8									
-	-	-	U30	A	\$2,857	\$3,222	\$172	\$867	\$139	N/A	\$203
HD	3	11.2									
ND	5	18.7	U40	A	\$2,857	\$3,301	\$172	\$867	\$139	N/A	\$203
-	-	-									
ND	7.5	25.4	U55	A	\$3,107	\$3,942	\$172	\$867	\$172	N/A	\$220
HD	5	18.7									
ND	10	32.7	U75	B	\$3,557	\$4,460	\$186	\$1,146	\$172	N/A	\$225
HD	7.5	25.4									
ND	15	46.8	D11	B	\$3,969	\$4,990	\$186	\$1,146	\$334	N/A	\$265
HD	10	32.7									
ND	20	63.4	D15	C	\$4,441	\$6,474	\$250	\$1,507	\$442	N/A	\$307
HD	15	46.8									
ND	25	78.4	D18	C	\$5,342	\$8,128	\$250	\$1,507	\$442	N/A	\$375
HD	20	63.4									
ND	30	92.6	D22	C	\$5,996	\$9,305	\$250	\$1,507	\$442	N/A	\$466
HD	25	78.4									
ND	40	123	D30	D	\$7,069	\$11,629	\$350	\$2,261	\$451	N/A	\$450
HD	30	92.6									
ND	50	149	D37	D	\$9,640	\$14,325	\$350	\$2,261	\$451	N/A	N/A
HD	40	123									
ND	60	175	D45	D	\$12,219	\$13,525	\$350	\$2,261	\$451	N/A	N/A
HD	50	149									

Continued on next page

Duty Rating	HP	Max. Output Current (A)	HP Code	Frame Size	List Price - Type 1 General Purpose Enclosures		Enclosure Type Adders		Harmonic Mitigation Adders		Drive Service Switch - Option T
					Without bypass pkg - Option W	Full Voltage Bypass - Option Y	Type 12 - Option A	Type 3R - Option H	5% Line Impedence - Option A	Harmonic Filter - Option M	
Three-phase supply voltage: 460 V - Option T4											
ND	1	2.2	U07	A	\$2,216	\$2,879	\$172	\$867	\$73	-	\$85
HD	-	-									
ND	2	4	U15	A	\$2,390	\$3,077	\$172	\$867	\$73	-	\$88
HD	1	2.2									
ND	3	5.6	U22	A	\$2,529	\$3,203	\$172	\$867	\$84	-	\$96
HD	2	4									
ND	5	9.3	U30	A	\$2,683	\$3,403	\$172	\$867	\$84	-	\$107
HD	3	5.6									
ND	7.5	12.7	U55	A	\$2,987	\$3,704	\$172	\$867	\$84	-	\$116
HD	5	9.3									
ND	10	16.5	U75	A	\$3,721	\$4,309	\$172	\$867	\$84	-	\$129
HD	7.5	12.7									
ND	15	23.5	D11	A	\$4,299	\$4,815	\$172	\$867	\$172	-	\$179
HD	10	16.5									
ND	20	31.7	D15	B	\$4,618	\$5,428	\$186	\$1,146	\$172	-	\$255
HD	15	23.5									
ND	25	39.2	D18	B	\$5,322	\$5,981	\$186	\$1,146	\$183	-	\$270
HD	20	31.7									
ND	30	46.3	D22	B	\$6,058	\$7,155	\$186	\$1,146	\$194	-	\$280
HD	25	39.2									
ND	40	61.5	D30	C	\$6,910	\$8,171	\$250	\$1,507	\$308	-	\$300
HD	30	46.3									
ND	50	74.5	D37	C	\$8,117	\$9,176	\$250	\$1,507	\$308	-	\$330
HD	40	61.5									
ND	60	88	D45	C	\$9,724	\$10,965	\$250	\$1,507	\$308	-	\$380
HD	50	74.5									
ND	75	106	D55	D	\$11,015	\$12,420	\$350	\$1,507	\$352	-	\$468
HD	60	88									
ND	100	145	D75	D	\$13,515	\$14,343	\$350	\$2,261	\$370	-	\$0
HD	75	106									
ND	125	173	D90	D	\$15,826	\$20,184	\$350	\$2,261	\$451	-	\$0
HD	100	145									
ND	150	211	C11	1P	\$19,127	\$26,847	\$1,100	N/A	\$500	\$12,280	\$0
HD	125	173									
ND	200	250	C13	1P	\$23,215	\$31,170	\$1,100	N/A	\$650	\$13,750	\$0
HD	150	180									
ND	250	302	C16	1P	\$26,850	\$35,225	\$1,100	N/A	\$800	\$17,659	\$0
HD	200	240									
ND	300	370	C20	2P	\$31,890	ETO	\$1,400	N/A	\$1,000	\$23,575	\$0
HD	250	302									
ND	400	477	C25	2P	\$41,574	ETO	\$1,400	N/A	\$1,200	\$27,037	\$0
HD	300	370									
ND	500	590	C31	2P	\$54,293	ETO	\$1,400	N/A	\$1,350	-	\$0
HD	400	477									
ND	600	730	C40	3P	\$63,713	ETO	\$1,600	N/A	\$1,450	-	\$0
HD	500	590									
ND	700	900	C50	3P	\$74,531	ETO	\$1,600	N/A	\$1,550	-	\$0
HD	600	730									
ND	900	1140	C63	4P	\$100,073	ETO	\$1,600	N/A	\$1,650	-	\$0
HD	700	900									

Price Tables – Enclosed ATV960 Options

Control Options (pick one)		
<u>Code</u>	<u>Description</u>	<u>Price</u>
N	Prewired for remote HOA	No cost
	No door-mounted control operators are provided. Omit a control option selection when ordering to receive no operators.	
A	HOA, Speed Pot [default]	No cost
	Provides a door-mounted Hand-Off-Auto selector switch for operating the drive system (two-wire control scheme).	
B	HOA, Speed Pot, Start-Stop	\$70
	Provides a door-mounted, Hand-Off-Auto selector switch, a Start push button, and a Stop push button (mixed mode control scheme)	
ETO	St-Stp,SP, Non by only	\$53
	Engineered-to-order	
ETO	St-Stp,Fwd-Rev,SP, Non by only	\$139
	Engineered-to-order	

Light Options (pick one)		
<u>Code</u>	<u>Description</u>	<u>Price</u>
N	None	No cost
	No door-mounted lights are provided. Omit a pilot light option selection when ordering to receive no lights.	
A	Red Pwr on, Yellow Tripped, Green AFC Run, Yellow Auto	\$171
	Provides red Run (On), green Run, and yellow Trip and Auto pilot lights for status enunciation.	
B	Red Pwr on, Yellow Tripped, Green AFC Run (default)	\$129
	Provides red Run (On), green Run, and yellow Trip pilot lights for status enunciation.	
ETO	Red Pw On,Yel Tr,Gr Fw,Gr Rev, NonBy	\$171
	Engineered-to-order	
ETO	Red Pw On,Yel Tr,Gr Rn,BI Hnd,Yell Auto	\$216
	Engineered-to-order	

Communication Cards (pick one)		
<u>Code</u>	<u>Description</u>	<u>Price</u>
N	None (Default)	\$0
A	Profibus DP V1	\$332
	Provides a factory installed plug-in Profibus DP V1 card (VW3A3607). Connect to the Profibus DP card with one nine-pin female SUB-D connector.	
B	CANopen Daisy Chain	\$150
	Provides a factory installed plug-in CANopen daisy chain card (VW3A3608). Connect to the CANopen daisy chain card with two RJ-45 ports.	
C	DeviceNet	\$332
	Provides a factory installed plug-in DeviceNet card (VW3A3609). Connect to the DeviceNet card with one five-point terminal block.	
D	CANopen SUB-D	\$150
	Provides a factory installed plug-in CANopen Sub-D9 card (VW3A3618). Connect to the CANopen Sub-D9 card with one nine-pin male SUB-D connector.	
E	CANopen Open Style	\$130
	Provides a factory installed plug-in CANopen open style card (VW3A3628). Connect to the CANopen open style card with one five-point terminal block.	
F	ProfiNet	\$300
	Provides a factory installed plug-in ProfiNet card (VW3A3627). Connect to the ProfiNet card with two RJ-45 ports.	
G	Ethernet IP / Modbus TCP Dual Port	N/A
	Provides a factory installed plug-in Ethernet IP card (VW3A3720). Connect to the Ethernet IP card with two RJ-45 ports.	

Miscellaneous Options		
<u>Code</u>	<u>Description</u>	<u>Price</u>
A	Ethernet Port in the front door (connect to RJ45 Ethernet port on control block, used for PC/iPad connection)	\$75
	Provides a port on the door of the enclosed drive for making an Ethernet connection.	
B	Line Contactor - 3 Contactor Bypass (Available 100HP ND and up, Service switch for lower HP range)	This option is only available for Power Circuit Y (Bypass). It provides a factory wired line contactor between the circuit breaker disconnect (or line reactor or harmonic filter when provided) and the power converter. When the line contactor is open, serial communication is disabled. Horsepower rating: 125 HD/150 ND \$2,125 150 HD/200 ND \$2,477 200 HD/250 ND \$2,755
C	Drive I/O extension Discrete 6I/2O, Analog 2I, VW 3A 3203	\$165
	Provides a factory installed I/O expansion card (VW3A3203). The card expands the available I/O with an additional six logic inputs, two logic outputs, and two analog inputs.	
D	Drive extended relay module - 3 NO Relays, VW 3A 3204	\$195
	Provides a factory installed relay output card (VW3A3204). The card adds three normally open contacts that may be assigned within drive logic.	
E	0-10v Auto speed reference	\$0
	Provides a 0–10 V user-supplied auto speed reference signal into the AI2 input, terminals 12 and 13 on terminal block TB1. The 0–10 V analog input is not optically isolated.	

F	1 N. O. Auxiliary Auto Mode Contact	\$216
	Provides one Form A, normally open (N.O.) contact, rated 5 A at 120 Vac, wired to the terminal blocks. The contact(s) change state when the controller is placed in Auto (Remote) mode.	
G	Transient Voltage Surge Sup TYPE 1 SPD 40K	\$100
	Provides an integrated Type 1 supplementary voltage surge protective device to protect equipment in the event of transient voltage surges associated with some electrical power distribution systems. The SPD is suitable for peak surge currents up to 40 kA.	
H	Transient Voltage Surge Sup TYPE 2 SPD 80K	\$400
	Provides an integrated Type 2 supplementary voltage surge protective device (SPD) to protect equipment in the event of transient voltage surges associated with some electrical power distribution systems. The SPD is suitable for peak surge currents up to 80 kA.	
K	Additional 150VA control power transformer	\$202
	Provides additional VA capacity of the control power transformer to power field installable equipment and control circuits.	
L	Push-to-test pilot lights	\$146
	Provides a push-to-test feature on all pilot lights except Power On.	
P	Permanent wire markers (Sleeve type)	\$1,100
	Provides permanent wire markers for control wires for use in identification and troubleshooting of control circuits.	
Q	Trip Reset Button (replaces Door mounted OVERLOAD RESET Push Button (Electronic))	\$117
	Provides a push button signal to reset a drive trip or bypass overload trip. Mod Y10 Bypass must also be selected.	
S	50 Deg C ambient (Velocity only)	\$500
	Provides a high ambient equipment rating above 40 °C (104 °F) to a maximum of 50 °C (122 °F) without derating.	
T	Drive Input Disconnect Switch (Service Switch (Velocity only, 75hp ND AND LOWER))	See price table
	Provides an input line power disconnect switch between the mains power disconnect and the power converter. The Drive Input Disconnect Switch will disconnect line power to the power converter. The motor can run in bypass mode in the unlikely event the power converter becomes inoperative.	
U	Top Entry Cubical (MCE only, Starting @ 150hp ND/125hp HD)	ETO
	Provides additional wireway space for floor-mounted equipment, especially where mains or motor conductors are feed from the top of the equipment.	
V	ARRA Compliance - Assembled in the US (60HP & below)	10% of total line item list price
	Assembled in the United States is optional for wall mount units only. All floor standing units are assembled in the United States.	
X	DV/DT filter (1000ft, 300m) - 460V only	
	Provides a factory mounted and wired DV/DT filter on the drive output for long motor lead lengths in excess of published guidelines.	
	Horsepower rating:	
	125 HD/150 ND	
	150 HD/200 ND	
	200 HD/250 ND	
	250 HD/300 ND	
	300 HD/400 ND	
	400 HD/500 ND	

Enclosed Altivar 980 drive systems

Product Description

The Altivar 980 Regenerative Drive System is a packaged, high-performance solution for regenerative applications. This active front end (AFE) drive features a three-level input switching stage which reduces common mode voltage and improves performance and efficiency due to custom designed filtering and the three-level design. As such, it provides reduced motor bearing currents and improves the average motor lifespan. This regenerative drive is highly efficient four-quadrant technology for speed control in both energy directions. The basic equipment contains active in-feed modules and filter components as well as frequency inverter modules, semiconductor fuses, a main switch, a dv/dt filter choke from 300 hp (200 kW) for the protection of the motor, and spacious mains and bus bars for connection of power cables. This new technology reaches a total distortion factor, THD(i), of around 2% and therefore fulfills the requirements according to IEEE 519 of THD(i) < 5% in the case of distorted mains voltage. This robust, adjustable speed drive system is UL 508A Listed for all ratings, with selectable control and power configurations. It is available in Types 1 and 12, in the following ranges.

- Frame 1a: 150–250 hp (110–160 kW) ND and 125–200 hp (90–130 kW) HD
- Frame 2a: 300–500 hp (200–310 kW) ND and 250–400 hp (160–250 kW) HD
- Frame 3a: 600–700 hp (400–500 kW) ND and 500–500 hp (310–400 kW) HD
- Frame 4a: 900 hp (630 kW) ND and 700 hp (500 kW) HD



Useful Links:

[Link to eCatalog \(coming soon\)](#)

[Link to User Manual \(coming soon\)](#)

[Link to Website \(coming soon\)](#)

Part Number Description – Enclosed ATV980

ATV980 D22 T4 N 2 G N W A B N G									
Product Line (Utility) 660 ATV660 Drive System 680 Low Harmonic		Product Line (Industry) 960 Drive System 980 Regen		Horsepower Rating <i>(See selection table below)</i>		Voltage U3 230 V T4 460 V		Duty Rating N Normal Duty H Heavy Duty	
Certification 2 UL 6 cUL		Enclosure Type G Type 1 (default) A Type 12 H Type 3R (< 150 HP)		Miscellaneous Options <i>(See miscellaneous options below)</i>		Communication Card N None A Profibus DP B CANopen daisy chain C Devicenet D CANopen sub-D9 E CANopen open style F Profinet G Ethernet/IP-VW3A3720		Light Options N None A Red pwr on, Yellow tripped, Green AFC run, Yellow Auto. B Red pwr on, Yellow tripped, Green AFC Run (default)	
				Control Options N Prewired for HOA A HOA, Speed Pot (default) B HOA, Speed Pot, Start-Stop		Power Circuit W Without bypass (default) Y Bypass (< 300 HP)		Harmonic Mitigation N None A 5% Line Impedance M Harmonic Filter	

Price Tables – Enclosed ATV980

Duty Rating	HP	Max. Output Current (A)	HP Code	Frame Size	List Price - Type 1 General Purpose Enclosures			Enclosure Type Adders
					Without bypass pkg - Option W	Full Voltage Bypass Adder - Option Y	Soft Starter Bypass - Option S	Type 12 - Option A
Three-phase supply voltage: 460 V - Option T4								
ND	150	211	C11	1a	\$36,335	\$7,720	\$15,587	\$1,100
HD	125	-						
ND	200	250	C13	1a	\$39,638	\$7,955	\$16,339	\$1,100
HD	150	211						
ND	250	302	C16	1a	\$45,266	\$8,375	\$17,518	\$1,100
HD	200	250						
ND	300	370	C20	2a	\$58,112	ETO	\$23,500	\$1,400
HD	250	302						
ND	400	477	C25	2a	\$74,628	N/A	\$25,543	\$1,400
HD	300	370						
ND	500	590	C31	2a	\$94,447	ETO	\$28,739	\$1,400
HD	400	477						
ND	600	730	C40	3a	\$108,000	N/A	N/A	\$1,400
HD	500	590						
ND	700	900	C50	3a	\$122,340	N/A	N/A	\$1,400
HD	600	730						
ND	900	1140	C63	4a	\$151,702	N/A	N/A	\$1,600
HD	700	900						

Price Tables – Enclosed ATV980 Options

Control Options (pick one)		
Code	Description	Price
N	Prewired for remote HOA	No Cost
	No door-mounted control operators are provided. Omit a control option selection when ordering to receive no operators.	
A	HOA, Speed Pot [default]	No Cost
	Provides a door-mounted Hand-Off-Auto selector switch for operating the drive system (two-wire control scheme).	
B	HOA, Speed Pot, Start-Stop	\$70
	Provides a door-mounted, Hand-Off-Auto selector switch, a Start push button, and a Stop push button (mixed mode control scheme)	
ETO	St-Stp,SP, Non by only	\$53
	Engineered-to-order	
ETO	St-Stp,Fwd-Rev,SP, Non by only	\$139
	Engineered-to-order	

Light Options (pick one)		
<u>Code</u>	<u>Description</u>	<u>Price</u>
N	None	No Cost
	No door-mounted lights are provided. Omit a pilot light option selection when ordering to receive no lights.	
A	Red Pwr on, Yellow Tripped, Green AFC Run, Yellow Auto	\$171
	Provides red Run (On), green Run, and yellow Trip and Auto pilot lights for status enunciation.	
B	Red Pwr on, Yellow Tripped, Green AFC Run (default)	\$129
	Provides red Run (On), green Run, and yellow Trip pilot lights for status enunciation.	
ETO	Red Pw On,Yel Tr,Gr Fw,Gr Rev, NonBy	\$171
	Engineered-to-order	
ETO	Red Pw On,Yel Tr,Gr Rn,BI Hnd,Yell Auto	\$216
	Engineered-to-order	

Communication Cards (pick one)		
<u>Code</u>	<u>Description</u>	<u>Price</u>
N	None (Default)	No Cost
A	Profibus DP - VW 3A 3607	\$332
	Provides a factory installed plug-in Profibus DP V1 card (VW3A3607). Connect to the Profibus DP card with one nine-pin female SUB-D connector.	
B	CANopen Daisy chain 2XRJ45 - VW 3A 3608	\$150
	Provides a factory installed plug-in CANopen daisy chain card (VW3A3608). Connect to the CANopen daisy chain card with two RJ-45 ports.	
C	Devicenet - VW 3A 3609	\$332
	Provides a factory installed plug-in DeviceNet card (VW3A3609). Connect to the DeviceNet card with one five-point terminal block.	
D	CANopen SUB-D9 - VW 3A 3618	\$150
	Provides a factory installed plug-in CANopen Sub-D9 card (VW3A3618). Connect to the CANopen Sub-D9 card with one nine-pin male SUB-D connector.	
E	CANopen open style - VW 3A 3628	\$130
	Provides a factory installed plug-in CANopen open style card (VW3A3628). Connect to the CANopen open style card with one five-point terminal block.	
F	Profinet - VW 3A 3627	\$300
	Provides a factory installed plug-in ProfiNet card (VW3A3627). Connect to the ProfiNet card with two RJ-45 ports.	
G	Ethernet/IP - VW 3A 3720	N/A
	Provides a factory installed plug-in Ethernet IP card (VW3A3720). Connect to the Ethernet IP card with two RJ-45 ports.	

Miscellaneous Options		
<u>Code</u>	<u>Description</u>	<u>Price</u>
A	Ethernet Port in the front door (connect to RJ45 Ethernet port on control block, used for PC/ipad connection)	\$75
	Provides a port on the door of the enclosed drive for making an Ethernet connection.	
B	Line Contactor	\$165
	This option is only available for Power Circuit Y (Bypass). It provides a factorywired line contactor between the circuit breaker disconnect (or line reactor or harmonic filter when provided) and the power converter. When the line contactor is open, serial communication is disabled.	
C	Drive I/O extension Discrete 6I/2O, Analog 2I, VW 3A 3203	\$165
	Provides a factory installed I/O expansion card (VW3A3203). The card expands the available I/O with an additional six logic inputs, two logic outputs, and two analog inputs.	

D	Drive extended relay module - 3 NO Relays, VW 3A 3204	\$195
	Provides a factory installed relay output card (VW3A3204). The card adds three normally open contacts that may be assigned within drive logic.	
E	0-10v Auto speed reference	No Cost
	Provides a 0–10 V user-supplied auto speed reference signal into the AI2 input, terminals 12 and 13 on terminal block TB1. The 0–10 V analog input is not optically isolated.	
F	1 N. O. Auxiliary Auto Mode Contact	\$216
	Provides one Form A, normally open (N.O.) contact, rated 5 A at 120 Vac, wired to the terminal blocks. The contact(s) change state when the controller is placed in Auto (Remote) mode.	
G	Transient Voltage Surge Sup TYPE 1 SPD 40K	\$100
	Provides an integrated Type 1 supplementary voltage surge protective device to protect equipment in the event of transient voltage surges associated with some electrical power distribution systems. The SPD is suitable for peak surge currents up to 40 kA.	
H	Transient Voltage Surge Sup TYPE 2 SPD 80K	\$400
	Provides an integrated Type 2 supplementary voltage surge protective device (SPD) to protect equipment in the event of transient voltage surges associated with some electrical power distribution systems. The SPD is suitable for peak surge currents up to 80 kA.	
K	Additional 150VA control power transformer	\$202
	Provides additional VA capacity of the control power transformer to power field installable equipment and control circuits.	
L	Push-to-test pilot lights	\$146
	Provides a push-to-test feature on all pilot lights except Power On.	
P	Permanent wire markers (Sleeve type)	\$1,100
	Provides permanent wire markers for control wires for use in identification and troubleshooting of control circuits.	
Q	Trip Reset Button (replaces Door mounted OL RESET Push Button (Electronic))	\$117
	Provides a push button signal to reset a drive trip or bypass overload trip. Mod Y10 Bypass must also be selected.	
U	Top Entry Cubical (when available)	\$117
	Provides additional wireway space for floor-mounted equipment, especially where mains or motor conductors are feed from the top of the equipment.	
X	DV/DT filter (1000ft, 300m) - 460V only	
	Provides a factory mounted and wired DV/DT filter on the drive output for long motor lead lengths in excess of published guidelines.	
	Horsepower rating:	
	125 HD/150 ND	
	150 HD/200 ND	
	200 HD/250 ND	\$4,122
	250 HD/300 ND	\$4,337

Altivar 61 variable Speed Drives

Product Description

The Altivar 61 variable speed drive defines ease of use for centrifugal pump, fan and normal duty industrial applications. It offers advanced features, functions, and user flexibility while its revolutionary design reduces installation cost and start-up time, and offers reliable operation, simple diagnostics, and energy efficiency.

****Only 575 and 690 Volt versions are included as other ATV61 models are now obsolete.**



Useful Links:

[Link to eCatalog](#)

[Link to User Manual \(0.5-100 HP\)](#)

[Link to User Manual \(75-800 HP\)](#)

[Link to Website](#)

Price Tables – ATV61 Drives

IP20 drives			
Part No.	Description	List Price	Discount Schedule
Three-phase supply voltage: 500...600 V 50/60 Hz			
ATV61HU22S6X	3HP 600V SIZE 5A w/Kypd	\$1,889	CP4C
ATV61HU30S6X	ALTIVAR 61 DRIVE 4HP600V Frame 5A	\$1,989	CP4C
ATV61HU40S6X	5HP 600V SIZE 5A w/Kypd	\$2,099	CP4C
ATV61HU55S6X	7.5HP 600V SIZE 5A w/Kypd	\$2,380	CP4C
ATV61HU75S6X	10HP 600V SIZE 5A w/Kypd	\$2,799	CP4C
IP 20 drives with integrated category C3 EMC filter			
ATV61HU30Y	ALTIVAR 61 DRIVE 3 HP 575/690 VOLT	\$4,790	CP4C
ATV61HU40Y	ALTIVAR 61 DRIVE 4 HP 575/690 VOLT	\$4,790	CP4C
ATV61HU55Y	ALTIVAR 61 DRIVE 5 HP 575/690 VOLT	\$4,790	CP4C
ATV61HU75Y	ALTIVAR 61 DRIVE 7.5 HP 575/690 VOLT	\$4,790	CP4C
ATV61HD11Y	ALTIVAR 61 DRIVE 10 HP 575/690 VOLT	\$4,790	CP4C
ATV61HD15Y	ALTIVAR 61 DRIVE 15 HP 575/690 VOLT	\$4,790	CP4C
ATV61HD18Y	ALTIVAR 61 DRIVE 20 HP 575/690 VOLT	\$4,790	CP4C
ATV61HD22Y	ALTIVAR 61 DRIVE 25 HP 575/690 VOLT	\$4,790	CP4C
ATV61HD30Y	ALTIVAR 61 DRIVE 30 HP 575/690 VOLT	\$5,780	CP4C
ATV61HD37Y	ALTIVAR 61 DRIVE 40 HP 575/690 VOLT	\$6,999	CP4C
ATV61HD45Y	ALTIVAR 61 DRIVE 50 HP 575/690 VOLT	\$8,579	CP4C
ATV61HD55Y	ALTIVAR 61 DRIVE 60 HP 575/690 VOLT	\$10,379	CP4C
ATV61HD75Y	ALTIVAR 61 DRIVE 75 HP 575/690 VOLT	\$12,199	CP4C
ATV61HD90Y	ALTIVAR 61 DRIVE 100 HP 575/690 VOLT	\$14,399	CP4C
ATV61HC11Y	ALTIVAR 61 DRIVE 125 HP 575/690 VOLT	\$18,917	CP4C
ATV61HC13Y	ALTIVAR 61 DRIVE 150 HP 575/690 VOLT	\$21,480	CP4C
ATV61HC16Y	ALTIVAR 61 DRIVE 175 HP 575/690 VOLT	\$23,290	CP4C
ATV61HC20Y	ALTIVAR 61 DRIVE 200 HP 575/690 VOLT	\$27,205	CP4C
ATV61HC25Y	ALTIVAR 61 DRIVE 250 HP 575/690 VOLT	\$32,424	CP4C
ATV61HC31Y	SPEEDDRIVE 500hp, 575/690 v	\$41,343	CP4C
ATV61HC40Y	ALTIVAR 61 DRIVE 450 HP 575/690 VOLT	\$56,100	CP4C
ATV61HC50Y	ALTIVAR 61 DRIVE 550 HP 575/690 VOLT	\$71,508	CP4C
ATV61HC63Y	ALTIVAR 61 DRIVE 700 HP 575/690 VOLT	\$94,188	CP4C
ATV61HC80Y	ALTIVAR 61 DRIVE 800 HP 575/690 VOLT	\$124,068	CP4C

ATV61 Options and Accessories

Part No.	Description	List Price	Discount Schedule
490NAD91103	PROFIBUS CONNECTOR W TERM	\$117	PC31
490NAD91104	PROFIBUS CONNECTOR	\$93	PC31
490NTW00002	ETHERNET SFTP 2M CORD	\$73	PC45
490NTW00005	ETHERNET SFTP 5 M CORD	\$87	PC45
490NTW00012	ETHERNET SFTP 12M CORD	\$116	PC45
490NTW00040	ETHERNET SFTP 40M CORD	\$225	PC45
490NTW00080	ETHERNET SFTP 80M CORD	\$399	PC45
LU9GC3	MODBUS HUB	\$312	I11
TCSCN023F13M03	RJ45 DIASYCHAIN TAP W 0.3M DROP CABLE	\$131	PC51
TCSXCNAMUM3P	USB PROGRAMMING CABLE, 3M	\$203	PC12
TSXCANCA100	CANOPEN STANDARD CABLE LSZH 100M	\$701	PC12
TSXCANCA300	CANOPEN STANDARD CABLE LSZH 300M	\$1,985	PC12
TSXCANCA50	CANOPEN STANDARD CABLE LSZH 50M	\$168	PC12
TSXCANCB100	CANOPEN CABLE UL/IEC332-2 100M	\$149	PC22
TSXCANCB300	CANOPEN CABLE UL/IEC332-2 300M	\$800	PC22
TSXCANCD100	100M CANOPEN CABLE	\$608	PC22
TSXCANCD300	300M CANOPEN CABLE	\$1,642	PC22
TSXCANCD50	CANOPEN CABLE FLEXIBLE LSZH HD 50M	\$177	PC22
TSXPBSCA100	PROFIBUS DP CABLE. 100M	\$1,239	PC22
TSXPBSCA400	PROFIBUS DP CABLE. 400M	\$4,485	PC22
VW3A1101	LCD GRAPHIC KEYPAD IP54 RATING ATV71	\$115	CP4C
VW3A1102	REMOTE MOUNTING KIT FOR LCD KEYPAD:ATV61/71	\$55	CP4C
VW3A1103	DOOR USED W/REMOTE MOUNT KIT FOR IP65 RATING	\$45	CP4C
VW3A1104R10	RJ45-RJ45 CBL FOR REMOTE LCD KYPD 1 MET	\$35	CP4C
VW3A1104R100	RJ45-RJ45 CBL FOR REMOTE LCD KYPD 10 ME	\$45	CP4C
VW3A1104R30	RJ45-RJ45 CBL FOR REMOTE LCD KYPD 3 MET	\$35	CP4C
VW3A1104R50	RJ45-RJ45 CBL FOR REMOTE LCD KYPD 5 MET	\$35	CP4C
VW3A1105	RJ45 FEMALE TO FEMALE ADAPTER FOR GRAPHIC TERM	\$35	CP4C
VW3A3101	115 VAC LOGIC INPUT ADAPTER FOR ATV61/71	\$195	CP4C
VW3A3201	BASIC I/O OPTION CARD ATV71	\$165	CP4C
VW3A3202	EXTENDED I/O OPTION CARD TV71	\$195	CP4C
VW3A3303	MODBUS UNITEK CARD	\$225	CP4C
VW3A3304	INTERBUS S CARD	\$550	CP4C
VW3A3307	PROFIBUS DP OPTION CARD ATV71	\$550	CP4C
VW3A3307S371	PROFIBUS DPV1 OPTION CARD ATV61&71	\$550	CP4C
VW3A3309	DEVICE NET OPTION CARD: ATV71	\$225	CP4C
VW3A3310D	MODBUS TCP/IP DAISY CHAIN	\$275	CP4C
VW3A3316	ATV61/71 EtherNet/IP Card	\$275	CP4C
VW3A3401	ENCODER OPTION CARD RS422 5 VDC ATV71	\$85	CP4C
VW3A3402	ENCODER CARD RS422 15 VDC out ONLY 5 VDC IN	\$85	CP4C
VW3A3403	ENCODER CARD OPEN COLLECTOR 12 VDC A	\$85	CP4C
VW3A3404	ENCODER CARD OPEN COLLECTOR 15 VDC A	\$85	CP4C
VW3A3405	ENCODER CARD PUSH-PULL 12 VDC ATV71	\$85	CP4C
VW3A3406	ENCODER CARD; PUSH-PULL; 15 VDC; ATV71	\$85	CP4C
VW3A3407	ENCODER CARD PUSH-PULL 24 VDC ATV71	\$85	CP4C

Part No.	Description	List Price	Discount Schedule
VW3A3408	Resolver Card	\$85	CP4C
VW3A3409	UNIVERSAL ENCODER CARD	\$320	CP4C
VW3A3411	INCREMENTAL ENCODER WITH RS422 OUT	\$85	CP4C
VW3A3521	ATV IMC DRIVE CONTROLLER	\$655	CP4C
VW3A8120	ATV31,61 and 71 Simple Loader	\$175	CP4C
VW3A8121	MULTI-LOADER	\$350	CP4B
VW3A83062	UNITELWAY MODBUS CABLE WORLD SERVICE PART	\$27	CP10
VW3A8306R03	RJ45-RJ45 CABLE 1/3 METER	\$20	CP1G
VW3A8306R10	RJ45-RJ45 CABLE 1 METER	\$25	CP1G
VW3A8306R30	RJ45-RJ45 CABLE 3 METER	\$30	CP1G
VW3A8306RC	MODBUS END ADAPTORFOR RJ45 PLUG 120 OHM	\$6	CP1G
VW3A8306TF03	RJ45 T-CABLE 1/3 METER	\$75	CP1G
VW3A8306TF10	RJ45 T-CABLE 1 METER	\$85	CP1G
VW3A9201	TYPE1KIT:ATV6171H037M3HU15M3H075N4HU22N4	\$45	CP4C
VW3A9202	TYPE1KIT:ATV6171HU22M3HU40M3HU30N4HU40N4	\$45	CP4C
VW3A9203	T-1 KIT: ATV6171 HU55M3 HU55N4 HU75N4	\$45	CP4C
VW3A9204	Type 1 Kit: ATV6171HU75M3, HD11N4	\$45	CP4C
VW3A9205	TYPE1KIT:ATV6171HD11M3HD15M3HD15N4HD18N4	\$45	CP4C
VW3A9206	T-1 KIT: ATV6171HD18M3 HD22M3 HD22N4	\$65	CP4C
VW3A9207	Type 1 Kit: ATV6171HD30N4, D37N4	\$65	CP4C
VW3A9208	Type 1 Kit: ATV6171HD45N4 - D75N4	\$135	CP4C
VW3A9209	Type 1 Kit: ATV6171HD55M3, HD90N4	\$460	CP4C
VW3A9210	Type 1 Kit: ATV6171HD75M3, HC11N4	\$553	CP4C
VW3A9211	Type 1 Kit: ATV6171HC13N4	\$573	CP4C
VW3A9212	Type 1 Kit: ATV61/ 71 HC16N4	\$588	CP4C
VW3A9213	Type 1 Kit: ATV6171HC20N4 - HC28N4	\$604	CP4C
VW3A9217	Type 1 Kit: ATV61/71HD30M3 - D45M3	\$65	CP4C
VW3A9404	FAN KIT:ATV61/71 HD22N4,HD18M3,HD22M3	\$135	CP4C
VW3A9405	FAN KIT:ATV61/71 HD30N4...HD37N4	\$145	CP4C
VW3A9406	FAN KIT:HD30M3X.HD45M3X,ATV71HD22N4.HD37N4	\$165	CP4C
VW3A9407	FAN KIT: ATV61/71 HD45N4...HD75N4	\$195	CP4C
VW3A9501	FLANGE KT ATV61-71:H037M3-HU15M3:H075N4-HU22N4	\$255	CP4C
VW3A9502	FLANGE KT ATV61-71:HU22M3-HU40M3:HU30N4-HU40N4	\$279	CP4C
VW3A9503	FLANGE KIT ATV61-71:HU55M3:HU55N4,HU75N4	\$325	CP4C
VW3A9504	Flange kit ATV61-71:HU75M3; HD11N4	\$358	CP4C
VW3A9505	FLANGE KT ATV61-71:HD11M3,HD15M3,HD15N4,HD18N4	\$419	CP4C
VW3A9506	FLANGE KT ATV61-71:HD18M3 HD22M3; HD22N4	\$438	CP4C
VW3A9507	Flange kt ATV61-71:HD30N4, HD37N4	\$469	CP4C
VW3A9508	Flange kt ATV61-71:HD30M3 to HD45M3	\$469	CP4C
VW3A9509	Flange kt ATV61-71:ATV71HD45N4 to HD75N4	\$477	CP4C
VW3A9510	Flange KtATV61/ATV71	\$500	CP4C
VW3A9511	Flange KtATV61/ATV71	\$667	CP4C
VW3A9512	Flange KtATV61/ATV71	\$1,053	CP4C

Part No.	Description	List Price	Discount Schedule
VW3A9513	Flange KtATV61/ATV71	\$1,053	CP4C
VW3A9514	Flange KtATV61/ATV71	\$1,053	CP4C
VW3CANA71	CANOPEN ADAPTOR FOR ATV 61-71:RJ45-DB9	\$45	CP4C
VW3CANCARR03	CANopen cable 0.3 m	\$25	CP4B
VW3CANCARR1	CANopen cable 1 m	\$25	CP4B
VW3CANKCDF180T	CANOPEN CABLE CONNECTOR	\$45	CP4C

Altivar 71 Variable Speed Drives

Product Description

The Altivar 71 variable-speed drive is built for industrial and process equipment. It has been designed to excel in applications that demand high motor performance. The range offers a complete AC drive product family with advanced functionality that incorporates a simple user interface, common I/O options, and flexible communication options with leading motor performance in open loop or closed loop, over the widest horsepower range in the industry.

**** Last order date for 240/480 V ATV71 Drives is Sept. 30, 2017**



Useful Links:

[Link to eCatalog](#)

[Link to User Manual \(0.5 HP to 100 HP\)](#)

[Link to User Manual \(100 HP to 700 HP\)](#)

[Link to Website](#)

Price Tables – ATV71 Drives

Part No.	Description	List Price	Discount Schedule
Three-phase supply voltage: 200...240 V 50/60 Hz			
ATV71H037M3	SPEED DRIVE, 0.5HP, 230V, ATV71	\$678	CP4C
ATV71H075M3	SPEED DRIVE, 1HP, 230V, ATV71	\$717	CP4C
ATV71HU15M3	SPEED DRIVE, 2HP, 230V, ATV71	\$752	CP4C
ATV71HU22M3	SPEED DRIVE, 3HP, 230V, ATV71	\$876	CP4C
ATV71HU30M3	SPEED DRIVE, 4HP, 230V, ATV71	\$1,082	CP4C
ATV71HU40M3	SPEED DRIVE, 5HP, 230V, ATV71	\$1,265	CP4C
ATV71HU55M3	SPEED DRIVE, 7.5HP, 230V, ATV71	\$1,604	CP4C
ATV71HU75M3	SPEED DRIVE, 10HP, 230V, ATV71	\$1,969	CP4C
ATV71HD11M3X	SPEED DRIVE, 15HP, 230V, ATV71	\$2,497	CP4C
ATV71HD15M3X	SPEED DRIVE, 20HP, 230V, ATV71	\$2,850	CP4C
ATV71HD18M3X	SPEED DRIVE, 25HP, 230V, ATV71	\$3,422	CP4C
ATV71HD22M3X	SPEED DRIVE, 30HP, 230V, ATV71	\$4,170	CP4C
ATV71HD30M3X	SPEED DRIVE, 40HP, 230V, ATV71	\$5,348	CP4C
ATV71HD37M3X	SPEED DRIVE, 50HP, 230V, ATV71	\$6,212	CP4C
ATV71HD45M3X	SPEED DRIVE, 60HP, 230V, ATV71	\$7,356	CP4C
ATV71HD55M3X	SPEED DRIVE, 75HP, 240V, ATV71	\$8,870	CP4C
ATV71HD75M3X	SPEED DRIVE, 100HP, 240V, ATV71	\$10,658	CP4C
Three-phase supply voltage: 380...480 V 50/60 Hz			
ATV71H075N4	SPEED DRIVE, 1HP, 460V, ATV71	\$873	CP4C
ATV71HU15N4	SPEED DRIVE, 2HP, 460V, ATV71	\$1,003	CP4C
ATV71HU22N4	SPEED DRIVE, 3HP, 460V, ATV71	\$1,221	CP4C
ATV71HU30N4	SPEED DRIVE, 4HP, 460V, ATV71	\$1,375	CP4C
ATV71HU40N4	SPEED DRIVE, 5HP, 460V, ATV71	\$1,448	CP4C
ATV71HU55N4	SPEED DRIVE, 7.5HP, 460V, ATV71	\$1,742	CP4C
ATV71HU75N4	SPEED DRIVE, 10HP, 460V, ATV71	\$2,116	CP4C
ATV71HD11N4	SPEED DRIVE, 15HP, 460V, ATV71	\$2,506	CP4C
ATV71HD15N4	SPEED DRIVE, 20HP, 460V, ATV71	\$3,059	CP4C
ATV71HD18N4	SPEED DRIVE, 25HP, 460V, ATV71	\$3,408	CP4C
ATV71HD22N4	SPEED DRIVE, 30HP, 460V, ATV71	\$3,710	CP4C
ATV71HD30N4	SPEED DRIVE, 40HP, 460V, ATV71	\$4,566	CP4C
ATV71HD37N4	SPEED DRIVE, 50HP, 460V, ATV71	\$5,370	CP4C
ATV71HD45N4	SPEED DRIVE, 60HP, 460V, ATV71	\$6,742	CP4C
ATV71HD55N4	SPEED DRIVE, 75HP, 460V, ATV71	\$7,762	CP4C
ATV71HD75N4	SPEED DRIVE, 100HP, 460V, ATV71	\$8,862	CP4C
ATV71HD90N4	SPEED DRIVE, 125HP, 460V, ATV71	\$10,716	CP4C
ATV71HC11N4	SPEED DRIVE, 150HP, 460V, ATV71	\$12,652	CP4C
ATV71HC13N4	SPEED DRIVE, 200HP, 460V, ATV71	\$15,170	CP4C
ATV71HC16N4	SPEED DRIVE, 250HP, 460V, ATV71	\$17,138	CP4C
ATV71HC20N4	SPEED DRIVE, 300HP, 460V, ATV71	\$20,084	CP4C
ATV71HC25N4	SPEED DRIVE, 400HP, 460V, ATV71	\$23,646	CP4C
ATV71HC28N4	SPEED DRIVE, 450HP, 460V, ATV71	\$28,062	CP4C
ATV71HC31N4	SPEED DRIVE, 500HP, 460V, ATV71	\$33,506	CP4C
ATV71HC40N4	SPEED DRIVE, 600HP, 460V, ATV71	\$44,870	CP4C
ATV71HC50N4	SPEED DRIVE, 700HP, 460V, ATV71	\$62,449	CP4C

Part No.	Description	List Price	Discount Schedule
Three-phase supply voltage: 500...600 V 50/60 Hz			
ATV71HU15S6X	2HP 600V SIZE 5A w/Kypd	\$2,078	CP4C
ATV71HU22S6X	3HP 600V SIZE 5A w/Kypd	\$2,189	CP4C
ATV71HU30S6X	ALTIVAR 71 DRIVE 4HP600V Frame 5A	\$2,393	CP4C
ATV71HU40S6X	5HP 600V SIZE 5A w/Kypd	\$2,618	CP4C
ATV71HU55S6X	7.5HP 600V SIZE 5A w/Kypd	\$3,079	CP4C
ATV71HU75S6X	10HP 600V SIZE 5A w/Kypd	\$3,718	CP4C
Three-phase supply voltage: 500...690 V 50/60 Hz			
ATV71HU22Y	ALTIVAR 71 DRIVE 2 HP 575/690 VOLT	\$5,780	CP4C
ATV71HU30Y	ALTIVAR 71 DRIVE 3 HP 575/690 VOLT	\$5,780	CP4C
ATV71HU40Y	ALTIVAR 71 DRIVE 4 HP 575/690 VOLT	\$5,780	CP4C
ATV71HU55Y	ALTIVAR 71 DRIVE 5 HP 575/690 VOLT	\$5,780	CP4C
ATV71HU75Y	ALTIVAR 71 DRIVE 7.5 HP 575/690 VOLT	\$5,780	CP4C
ATV71HD11Y	ALTIVAR 71 DRIVE 10 HP 575/690 VOLT	\$5,780	CP4C
ATV71HD15Y	ALTIVAR 71 DRIVE 15 HP 575/690 VOLT	\$5,780	CP4C
ATV71HD18Y	ALTIVAR 71 DRIVE 20 HP 575/690 VOLT	\$5,780	CP4C
ATV71HD22Y	ALTIVAR 71 DRIVE 25 HP 575/690 VOLT	\$5,780	CP4C
ATV71HD30Y	ALTIVAR 71 DRIVE 30 HP 575/690 VOLT	\$6,999	CP4C
ATV71HD37Y	ALTIVAR 71 DRIVE 40 HP 575/690 VOLT	\$8,579	CP4C
ATV71HD45Y	ALTIVAR 71 DRIVE 50 HP 575/690 VOLT	\$10,379	CP4C
ATV71HD55Y	ALTIVAR 71 DRIVE 60 HP 575/690 VOLT	\$12,199	CP4C
ATV71HD75Y	ALTIVAR 71 DRIVE 75 HP 575/690 VOLT	\$14,399	CP4C
ATV71HD90Y	ALTIVAR 71 DRIVE 100 HP 575/690 VOLT	\$16,899	CP4C
ATV71HC11Y	ALTIVAR 71 DRIVE 125 HP 575/690 VOLT	\$22,056	CP4C
ATV71HC13Y	ALTIVAR 71 DRIVE 150 HP 575/690 VOLT	\$28,554	CP4C
ATV71HC16Y	ALTIVAR 71 DRIVE 175 HP 575/690 VOLT	\$29,148	CP4C
ATV71HC20Y	ALTIVAR 71 DRIVE 200 HP 575/690 VOLT	\$35,319	CP4C
ATV71HC25Y	ALTIVAR 71 DRIVE 250 HP 575/690 VOLT	\$43,859	CP4C
ATV71HC31Y	ALTIVAR 71 DRIVE 350 HP 575/690 VOLT	\$56,100	CP4C
ATV71HC40Y	ALTIVAR 71 DRIVE 450 HP 575/690 VOLT	\$71,508	CP4C
ATV71HC50Y	ALTIVAR 71 DRIVE 550 HP 575/690 VOLT	\$94,188	CP4C
ATV71HC63Y	ALTIVAR 71 DRIVE 700 HP 575/690 VOLT	\$124,068	CP4C

ATV71 Options and Accessories

Part No.	Description	List Price	Discount Schedule
490NAD91103	PROFIBUS CONNECTOR W TERM	\$117	PC31
490NAD91104	PROFIBUS CONNECTOR	\$93	PC31
490NTW00002	ETHERNET SFTP 2M CORD	\$73	PC45
490NTW00005	ETHERNET SFTP 5 M CORD	\$87	PC45
490NTW00012	ETHERNET SFTP 12M CORD	\$116	PC45
490NTW00040	ETHERNET SFTP 40M CORD	\$225	PC45
490NTW00080	ETHERNET SFTP 80M CORD	\$399	PC45
LU9GC3	MODBUS HUB	\$312	I11
TCSCNT023F13M03	RJ45 DIASYCHAIN TAP W 0.3M DROP CABLE	\$131	PC51
TCSXCNAMUM3P	USB PROGRAMMING CABLE, 3M	\$203	PC12
TSXCANCA100	CANOPEN STANDARD CABLE LSZH 100M	\$701	PC12
TSXCANCA300	CANOPEN STANDARD CABLE LSZH 300M	\$1,985	PC12
TSXCANCA50	CANOPEN STANDARD CABLE LSZH 50M	\$168	PC12
TSXCANCB100	CANOPEN CABLE UL/IEC332-2 100M	\$149	PC22
TSXCANCB300	CANOPEN CABLE UL/IEC332-2 300M	\$800	PC22
TSXCANCD100	100M CANOPEN CABLE	\$608	PC22
TSXCANCD300	300M CANOPEN CABLE	\$1,642	PC22
TSXCANCD50	CANOPEN CABLE FLEXIBLE LSZH HD 50M	\$177	PC22
TSXPBSCA100	PROFIBUS DP CABLE. 100M	\$1,239	PC22
TSXPBSCA400	PROFIBUS DP CABLE. 400M	\$4,485	PC22

Part No.	Description	List Price	Discount Schedule
VW3A1101	LCD GRAPHIC KEYPAD IP54 RATING ATV71	\$115	CP4C
VW3A1101	LCD GRAPHIC KEYPAD IP54 RATING ATV71	\$115	CP4C
VW3A1102	REMOTE MOUNTING KIT FOR LCD KEYPAD:ATV61/71	\$55	CP4C
VW3A1103	DOOR USED W/REMOTE MOUNT KIT FOR IP65 RATING	\$45	CP4C
VW3A1104R10	RJ45-RJ45 CBL FOR REMOTE LCD KYPD 1 MET	\$35	CP4C
VW3A1104R100	RJ45-RJ45 CBL FOR REMOTE LCD KYPD 10 ME	\$45	CP4C
VW3A1104R30	RJ45-RJ45 CBL FOR REMOTE LCD KYPD 3 MET	\$35	CP4C
VW3A1104R50	RJ45-RJ45 CBL FOR REMOTE LCD KYPD 5 MET	\$35	CP4C
VW3A1105	RJ45 FEMALE TO FEMALE ADAPTER FOR GRAPHIC TERM	\$35	CP4C
VW3A3101	115 VAC LOGIC INPUT ADAPTER FOR ATV61/71	\$195	CP4C
VW3A3101	115 VAC LOGIC INPUT ADAPTER FOR ATV61/71	\$195	CP4C
VW3A3201	BASIC I/O OPTION CARD ATV71	\$165	CP4C
VW3A3201	BASIC I/O OPTION CARD ATV71	\$165	CP4C
VW3A3202	EXTENDED I/O OPTION CARD TV71	\$195	CP4C
VW3A3202	EXTENDED I/O OPTION CARD TV71	\$195	CP4C
VW3A3303	MODBUS UNITEK CARD	\$225	CP4C
VW3A3304	INTERBUS S CARD	\$550	CP4C
VW3A3307	PROFIBUS DP OPTION CARD ATV71	\$550	CP4C
VW3A3307S371	PROFIBUS DPV1 OPTION CARD ATV61&71	\$550	CP4C
VW3A3309	DEVICE NET OPTION CARD: ATV71	\$225	CP4C
VW3A3310D	MODBUS TCP/IP DAISY CHAIN	\$275	CP4C
VW3A3316	ATV61/71 EtherNet/IP Card	\$275	CP4C
VW3A3401	ENCODER OPTION CARD RS422 5 VDC ATV71	\$85	CP4C
VW3A3401	ENCODER OPTION CARD RS422 5 VDC ATV71	\$85	CP4C
VW3A3402	ENCODER CARD RS422 15 VDC out ONLY 5 VDC IN	\$85	CP4C
VW3A3402	ENCODER CARD RS422 15 VDC out ONLY 5 VDC IN	\$85	CP4C
VW3A3403	ENCODER CARD OPEN COLLECTOR 12 VDC A	\$85	CP4C
VW3A3404	ENCODER CARD OPEN COLLECTOR 15 VDC A	\$85	CP4C
VW3A3405	ENCODER CARD PUSH-PULL 12 VDC ATV71	\$85	CP4C
VW3A3405	ENCODER CARD PUSH-PULL 12 VDC ATV71	\$85	CP4C
VW3A3406	ENCODER CARD; PUSH-PULL; 15 VDC; ATV71	\$85	CP4C
VW3A3406	ENCODER CARD; PUSH-PULL; 15 VDC; ATV71	\$85	CP4C
VW3A3407	ENCODER CARD PUSH-PULL 24 VDC ATV71	\$85	CP4C
VW3A3407	ENCODER CARD PUSH-PULL 24 VDC ATV71	\$85	CP4C
VW3A3408	Resolver Card	\$85	CP4C
VW3A3409	UNIVERSAL ENCODER CARD	\$320	CP4C
VW3A3411	INCREMENTAL ENCODER WITH RS422 OUT AND E	\$85	CP4C
VW3A3521	ATV IMC DRIVE CONTROLLER	\$655	CP4C
VW3A3521	ATV IMC DRIVE CONTROLLER	\$655	CP4C
VW3A8120	ATV31,61 and 71 Simple Loader	\$175	CP4C
VW3A8121	MULTI-LOADER	\$350	CP4B
VW3A83062	UNITEKWAY MODBUS CABLE WORLD SERVICE PART	\$27	CP10
VW3A8306R03	RJ45-RJ45 CABLE 1/3 METER	\$20	CP1G
VW3A8306R10	RJ45-RJ45 CABLE 1 METER	\$25	CP1G
VW3A8306R30	RJ45-RJ45 CABLE 3 METER	\$30	CP1G
VW3A8306RC	MODBUS END ADAPTORFOR RJ45 PLUG 120 OHM	\$6	CP1G
VW3A8306TF03	RJ45 T-CABLE 1/3 METER	\$75	CP1G
VW3A8306TF10	RJ45 T-CABLE 1 METER	\$85	CP1G

Part No.	Description	List Price	Discount Schedule
VW3A9201	TYPE1KIT:ATV6171H037M3HU15M3H075N4HU22N4	\$45	CP4C
VW3A9202	TYPE1KIT:ATV6171HU22M3HU40M3HU30N4HU40N4	\$45	CP4C
VW3A9203	T-1 KIT: ATV6171 HU55M3 HU55N4 HU75N4	\$45	CP4C
VW3A9204	Type 1 Kit: ATV6171HU75M3, HD11N4	\$45	CP4C
VW3A9205	TYPE1KIT:ATV6171HD11M3HD15M3HD15N4HD18N4	\$45	CP4C
VW3A9206	T-1 KIT: ATV6171HD18M3 HD22M3 HD22N4	\$65	CP4C
VW3A9207	Type 1 Kit: ATV6171HD30N4, D37N4	\$65	CP4C
VW3A9208	Type 1 Kit: ATV6171HD45N4 - D75N4	\$135	CP4C
VW3A9209	Type 1 Kit: ATV6171HD55M3, HD90N4	\$460	CP4C
VW3A9210	Type 1 Kit: ATV6171HD75M3, HC11N4	\$553	CP4C
VW3A9211	Type 1 Kit: ATV6171HC13N4	\$573	CP4C
VW3A9212	Type 1 Kit: ATV61/ 71 HC16N4	\$588	CP4C
VW3A9213	Type 1 Kit: ATV6171HC20N4 - HC28N4	\$604	CP4C
VW3A9217	Type 1 Kit: ATV61/71HD30M3 - D45M3	\$65	CP4C
VW3A9404	FAN KIT:ATV61/71 HD22N4,HD18M3,HD22M3	\$135	CP4C
VW3A9405	FAN KIT:ATV61/71 HD30N4...HD37N4	\$145	CP4C
VW3A9406	FAN KIT:HD30M3X.HD45M3X,ATV71HD22N4.HD37N4	\$165	CP4C
VW3A9407	FAN KIT: ATV61/71 HD45N4...HD75N4	\$195	CP4C
VW3A9501	FLANGE KT ATV61-71:H037M3-HU15M3:H075N4-HU22N4	\$255	CP4C
VW3A9502	FLANGE KT ATV61-71:HU22M3-HU40M3:HU30N4-HU40N4	\$279	CP4C
VW3A9503	FLANGE KIT ATV61-71:HU55M3:HU55N4,HU75N4	\$325	CP4C
VW3A9504	Flange kit ATV61-71:HU75M3; HD11N4	\$358	CP4C
VW3A9505	FLANGE KT ATV61-71:HD11M3,HD15M3,HD15N4,HD18N4	\$419	CP4C
VW3A9506	FLANGE KT ATV61-71:HD18M3 HD22M3; HD22N4	\$438	CP4C
VW3A9507	Flange kt ATV61-71:HD30N4, HD37N4	\$469	CP4C
VW3A9508	Flange kt ATV61-71:HD30M3 to HD45M3	\$469	CP4C
VW3A9509	Flange kt ATV61-71:ATV71HD45N4 to HD75N4	\$477	CP4C
VW3A9510	Flange KtATV61/ATV71	\$500	CP4C
VW3A9511	Flange KtATV61/ATV71	\$667	CP4C
VW3A9512	Flange KtATV61/ATV71	\$1,053	CP4C
VW3A9513	Flange KtATV61/ATV71	\$1,053	CP4C
VW3A9514	Flange KtATV61/ATV71	\$1,053	CP4C
VW3CANA71	CANOPEN ADAPTOR FOR ATV 61-71:RJ45-DB9	\$45	CP4C
VW3CANCARR03	CANopen cable 0.3 m	\$25	CP4B
VW3CANCARR1	CANopen cable 1 m	\$25	CP4B
VW3CANKCDF180T	CANOPEN CABLE CONNECTOR	\$45	CP4C

Altivar Outdoor Drive Systems

Product Description

The Schneider Electric Altivar Outdoor Enclosed Drive is tailored for outdoor applications such as irrigation, oil, and gas pumping. The Altivar 630 and 930 versions are both rated 20–250 hp Normal Duty (ND) and 20–200 hp Heavy Duty (HD).

For any options not listed, contact the Drives Quotation Group

(drives.quotation.group@schneider-electric.com).

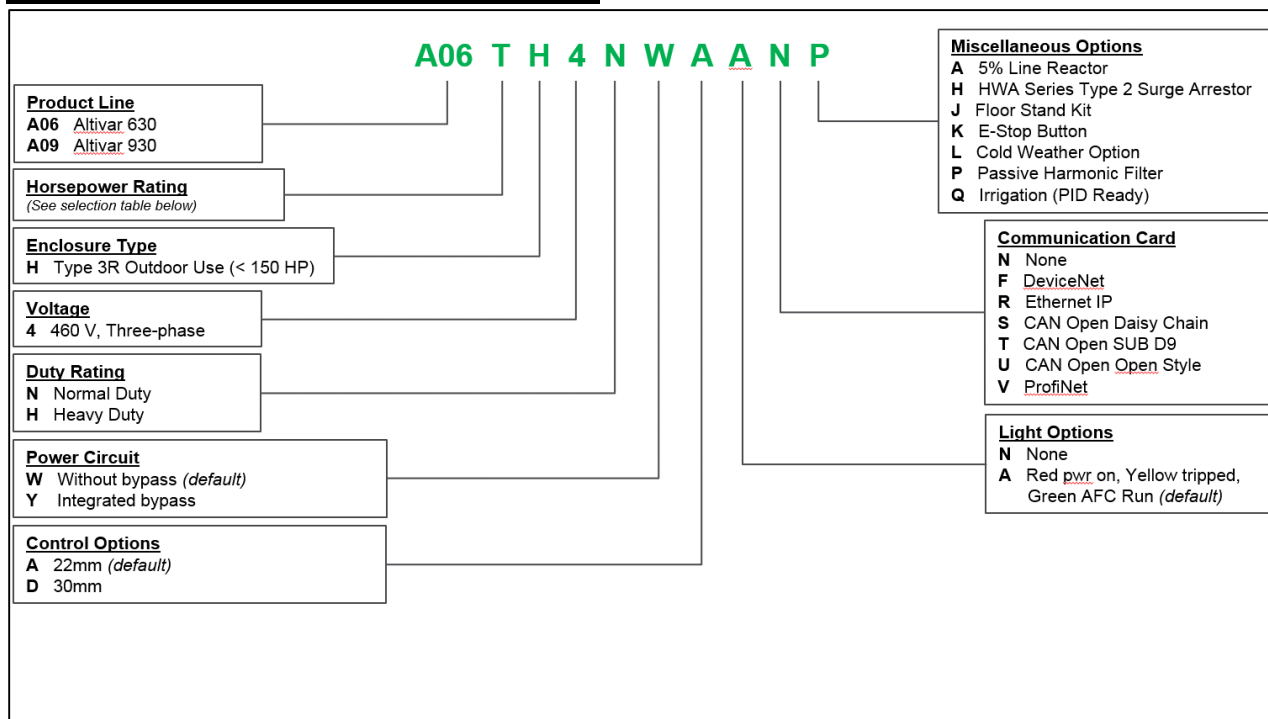


Useful Links:

[Link to User Manual](#)

[Link to Website](#)

Part Number Description – Altivar Outdoor



Price Tables – Altivar Outdoor

Duty Rating	HP	HP Code	Frame Size	Base Price		Harmonic Mitigation Adders		
				w/ ATV630 - A06	w/ ATV930 - A09	Bypass Adder - Option W	5% Line Reactor - Option A	Passive Harmonic Filter - Option P
Normal Duty, Three-phase supply voltage: 460 V - Option N								
ND	20	K	2	\$7,219	\$8,446	\$1,379	\$169	\$4,000
ND	25	L	2	\$7,961	\$9,315	\$1,626	\$209	\$4,352
ND	30	M	2	\$8,954	\$10,476	\$1,630	\$220	\$4,707
ND	40	N	2	\$10,485	\$12,372	\$1,650	\$274	\$5,881
ND	50	P	2	\$11,743	\$13,856	\$1,757	\$323	\$6,585
ND	60	Q	2	\$13,283	\$15,673	\$1,770	\$411	\$7,437
ND	75	R	3	\$15,527	\$18,167	\$3,362	\$440	\$8,107
ND	100	S	3	\$18,352	\$21,471	\$3,375	\$516	\$10,111
ND	125	T	3	\$20,209	\$23,847	\$3,689	\$533	\$15,437
Normal Duty, Three-phase supply voltage: 460 V - Option N								
ND	150	U	4	\$22,000	\$25,080	\$3,779	\$816	\$16,274
ND	200	W	4	\$24,500	\$28,665	\$4,451	\$866	\$16,800
ND	250	X	4	\$27,930	\$32,678	ETO	\$932	ETO
Heavy Duty, Three-phase supply voltage: 460 V - Option H								
HD	20	K	2	\$7,961	\$9,315	\$1,379	\$169	\$4,000
HD	25	L	2	\$8,954	\$10,476	\$1,626	\$209	\$4,352
HD	30	M	2	\$10,485	\$12,372	\$1,630	\$220	\$4,707
HD	40	N	2	\$11,743	\$13,856	\$1,650	\$274	\$5,881
HD	50	P	2	\$13,283	\$15,673	\$1,757	\$323	\$6,585
HD	60	Q	3	\$15,527	\$18,167	\$1,770	\$411	\$7,437
HD	75	R	3	\$18,352	\$21,471	\$3,362	\$440	\$8,107
HD	100	S	3	\$20,209	\$23,847	\$3,375	\$516	\$10,111
HD	125	T	4	\$22,000	\$25,080	\$3,689	\$533	\$15,437
HD	150	U	4	\$24,500	\$28,665	\$3,779	\$816	\$16,274
HD	200	W	4	\$27,930	\$32,678	\$4,451	\$866	\$16,800

Price Tables – Altivar Outdoor Options

Control Options (pick one)		
<u>Code</u>	<u>Description</u>	<u>Price</u>
A	22mm Operators	\$1,188
	Provides standard 22mm pilot devices	
D	30mm Operators	\$348
	Provides Class 9001 Type K, 30mm, heavy-duty multifunction operators in lieu of standard 22 mm pilot devices.	

Light Options (pick one)		
<u>Code</u>	<u>Description</u>	<u>Price</u>
N	None	No Cost
	No door-mounted lights are provided. Omit a pilot light option selection when ordering to receive no lights.	
A	Red Pwr on, Yellow Tripped, Green AFC Run (default)	No Cost
	Provides red Run (On), green Run, and yellow Trip pilot lights for status enunciation.	

Communication Cards (pick one)		
<u>Code</u>	<u>Description</u>	
N	None (Default)	No cost
F	DeviceNet	\$85
G	ProfiBus DP	\$232
R	Ethernet IP	\$175
S	CAN Open Daisy Chain	\$50
T	CAN Open SUB D9	\$50
U	CAN Open Open Style	\$50
V	ProfiNet	\$200

Miscellaneous Options		
<u>Code</u>	<u>Description</u>	<u>Price</u>
A	5% Line Impedance	See price table
	Includes integrally mounted 5% impedance, factory-installed and wired between the circuit breaker disconnect means and the drive, for harmonic mitigation.	
H	HWA Series Type 2 Surge Arrestor (80 kA)	\$698
	Provides an integrated Type 2 supplementary voltage surge protective device (SPD) to protect equipment in the event of transient voltage surges associated with some electrical power distribution systems. The SPD is suitable for peak surge currents up to 80 kA.	
J	Floor Stand Kit	\$312
	Only available between 40 HP and 150 HP	
K	E-Stop Button	\$72
L	Cold Weather Option	\$715
	Heater upgrade to minus 25 deg C	
P	Passive Harmonic Filter	See price table
	For bypass w/ passive filter, contact drives.quotation.group@schneider-electric.com	
Q	Irrigation (PID Ready)	\$250

Line Reactors - 480 V Rated 3 phase**Discount Schedule - CP4C****460 V Driver Rating**

Horsepower	Open Style Part No.	List Price	Enclosed Style Part No.	List Price
1	RL00202	\$169	RL00212	\$310
2–3	RL00403	\$174	RL00413	\$315
5	RL00803	\$262	RL00813	\$405
7.5	RL01203	\$308	RL01213	\$455
10	RL01803	\$357	RL01813	\$590
15	RL02503	\$368	RL02513	\$602
20–25	RL03503	\$487	RL03513	\$727
30	RL04503	\$571	RL04513	\$816
40	RL05503	\$578	RL05513	\$822
50–60	RL08003	\$939	RL08013	\$1,200
75	RL10003	\$1,096	RL10013	\$1,366
100	RL13003	\$1,120	RL13013	\$1,392
125	RL16003	\$1,260	RL16013	\$1,539
150	RL20003	\$1,539	RL20013	\$1,831
200	RL25003	\$2,727	RL25013	\$3,447
250	RL32003	\$2,915	RL32013	\$3,646
300	RL40003	\$3,576	RL40013	\$4,338
350–400	RL50003	\$4,150	RL50013	\$5,761
450–500	RL60003	\$5,740	RL60013	\$7,431

Line Reactors—208/230 V Rated Three-Phase

208 V Drive Rating	230 V Drive Rating	Open Style Part No.	List Price	Enclosed Style Part No.	List Price
Horsepower	Horsepower				
1	1	RL00402	\$168	RL00412	\$308
1.5–2	1.5–2	RL00802	\$192	RL00812	\$332
3	3	RL01202	\$214	RL01212	\$356
5	5	RL01802	\$270	RL01812	\$416
7.5	7.5	RL02502	\$311	RL02512	\$542
10	10	RL03502	\$327	RL03512	\$559
15	15	RL04502	\$431	RL04512	\$669
20	20	RL05502	\$455	RL05512	\$693
25	25–30	RL08002	\$534	RL08012	\$776
30	40	RL10002	\$746	RL10012	\$999
40	50	RL13002	\$848	RL13012	\$1,106
50	—	RL16002	\$1,048	RL16012	\$1,317

Motor Protecting Output Filters

-480 V Rated Type 1 Enclosed (UL 508A)

Horsepower		<u>Discount Schedule - CP4C</u>	
Drive 460 V Rating	Amperes	Part No.	List Price
1–2	4	KLCUL4A1	\$1,126
3	6	KLCUL6A1	\$1,148
5	8	KLCUL8A1	\$1,171
7.5	12	KLCUL12A1	\$1,224
10	16	KLCUL16A1	\$1,249
15	25	KLCUL25A1	\$1,355
20–25	35	KLCUL35A1	\$1,485
30	45	KLCUL45A1	\$1,535
40	55	KLCUL55A1	\$1,672
50–60	80	KLCUL80A2	\$2,178
75	110	KLCUL110A2	\$3,005
100	130	KLCUL130A2	\$3,368
125	160	KLCUL160A2	\$3,617
150	200	KLCUL200A3	\$3,766
200	250	KLCUL250A3	\$3,841
250	300	KLCUL300A3	\$3,863
300	360	KLCUL360A3	\$4,300
350	420	KLCUL420A3	\$4,659
400	480	KLCUL480A3	\$5,221
450–500	600	KLCUL600A3	\$5,393

Braking Resistors and Modules**Discount Schedule -
CP4C****Standard NEMA 1 Style**

Part No.	Ohms	Watts	Enclosure Type	Dimensions (Inches)			Weight (lbs)	List Price
				L	W	H		
P184441	100	400	GCE1	12	5	5	7	139
P184442	100	800	GCE2	12	7	5	9	224
P184443	100	1200	GCE3	12	10	5	13	295
P184444	100	1600	GCE4	12	13	5	16	367
P184445	100	2400	GCE6	19	10	5	20	508
P184446	72	400	GCE1	12	5	5	7	139
P184447	72	800	GCE2	12	7	5	9	224
P184448	72	1200	GCE3	12	10	5	13	295
P184449	72	1600	GCE4	12	13	5	16	367
P1844410	60	400	GCE1	12	5	5	7	139
P1844411	60	800	GCE2	12	7	5	9	224
P1844412	60	1200	GCE3	12	10	5	13	295
P1844413	60	1600	GCE4	12	13	5	16	367
P1844414	60	2000	GCE5	12	16	5	18	437
P1844415	60	2400	GCE6	19	10	5	20	508
P1844416	60	2800	GCE8	19	13	5	24	580
P1844417	40	400	GCE1	12	5	5	7	139
P1844418	40	800	GCE2	12	7	5	9	224
P1844419	40	1200	GCE3	12	10	5	13	295
P1844420	40	1600	GCE4	12	13	5	16	367
P1844421	40	2000	GCE5	12	16	5	18	437
P1844422	40	2400	GCE6	19	10	5	20	508
P1844423	40	2800	GCE8	19	13	5	24	580
P1844424	40	4000	GCE10	19	16	5	30	765
P1844425	40	4400	GCE12	26.5	13	5	32	836
P1844426	40	5600	GCE15	26.5	16	5	38	995
P1844427	25	400	GCE1	12	5	5	7	139
P1844428	25	800	GCE2	12	7	5	9	224
P1844429	25	1200	GCE3	12	10	5	13	295
P1844430	25	1600	GCE4	12	13	5	16	367
P1844431	25	5625	GCE12	26.5	13	5	28	822
P1844432	25	2000	GCE5	12	16	5	18	437
P1844433	25	8100	GCE15	26.5	16	5	36	1044
P1844434	25	2400	GCE6	19	10	5	20	508
P1844435	25	2800	GCE8	19	13	5	24	580
P1844436	25	3600	GCE9	26.5	10	5	27	694
P1844437	16	400	GCE1	12	5	5	7	139
P1844438	16	800	GCE2	12	7	5	9	224
P1844439	16	1200	GCE3	12	10	5	13	295
P1844440	16	3600	GCE6	19	10	5	19	559
P1844441	16	4096	GCE9	26.5	10	5	24	651
P1844442	16	1600	GCE4	12	13	5	16	367
P1844443	16	5184	GCE12	26.5	13	5	28	822
P1844444	16	6400	GCE12	26.5	13	5	31	884
P1844445	16	2000	GCE5	12	16	5	18	437
P1844446	16	8464	GCE15	26.5	16	5	36	1044
P1844447	16	2400	GCE6	19	10	5	20	508
P1844448	16	10816	GCE18	28	10	10	39	1230

Braking Resistors and Modules**Discount
Schedule - CP4C**

Standard NEMA 1 Style

Part No.	Ohms	Watts	Enclosure Type	Dimensions (Inches)			Weight (lbs)	List Price
				L	W	H		
P1844449	14	1200	GCE3	12	10	5	13	\$295
P1844450	14	3150	GCE6	19	10	5	19	\$559
P1844451	14	4536	GCE9	26.5	10	5	25	\$698
P1844452	14	1600	GCE4	12	13	5	16	\$367
P1844453	14	5600	GCE12	26.5	13	5	28	\$822
P1844454	14	2000	GCE5	12	16	5	18	\$437
P1844455	14	7406	GCE15	26.5	16	5	33	\$965
P1844456	14	9464	GCE18	28	10	10	37	\$1,099
P1844457	14	2400	GCE6	19	10	5	20	\$508
P1844458	14	11774	GCE24	28	13	10	51	\$1,535
P1844459	10	400	GCE1	12	5	5	7	\$139
P1844460	10	800	GCE2	12	7	5	9	\$224
P1844461	10	2250	GCE6	19	10	5	17	\$455
P1844462	10	1200	GCE3	12	10	5	13	\$295
P1844463	10	3240	GCE6	19	10	5	19	\$559
P1844464	10	4000	GCE9	26.5	10	5	24	\$651
P1844465	10	5290	GCE9	26.5	10	5	25	\$698
P1844466	10	1600	GCE4	12	13	5	16	\$367
P1844467	10	6760	GCE12	26.5	13	5	28	\$884
P1844468	10	2000	GCE5	12	16	5	18	\$437
P1844469	10	10240	GCE18	28	10	10	44	\$1,230
P1844470	10	12960	GCE24	28	13	10	55	\$1,690
P1844471	10	16000	GCE30	28	16	10	70	\$2,034
P1844472	8	1800	GCE6	19	10	5	16	\$438
P1844473	8	3200	GCE6	19	10	5	19	\$559
P1844474	8	4232	GCE18	28	10	10	32	\$788
P1844475	8	5408	GCE18	28	10	10	32	\$835
P1844476	8	8192	GCE15	26.5	16	5	37	\$1,044
P1844477	8	10368	GCE18	28	10	10	44	\$1,347
P1844478	8	12800	GCE24	28	13	10	59	\$1,690
P1844479	8	16200	GCE30	28	16	10	70	\$1,883
P1844480	8	20000	ED2	30	18	16	99	\$2,463
P1844481	8	28800	ED3	30	18	24	142	\$3,151
P1844482	6	800	GCE2	12	7	5	9	\$224
P1844483	6	1944	GCE6	19	10	5	17	\$455
P1844484	6	2400	GCE6	19	10	5	17	\$455
P1844485	6	1200	GCE3	12	10	5	13	\$295
P1844486	6	1600	GCE4	12	13	5	16	\$367
P1844487	6	3174	GCE6	19	10	5	19	\$559
P1844488	6	4056	GCE9	26.5	10	5	24	\$651
P1844489	6	1600	GCE4	12	13	5	16	\$367
P1844490	6	5046	GCE12	26.5	13	5	30	\$822
P1844491	6	6144	GCE12	26.5	13	5	32	\$884
P1844492	6	7776	GCE15	26.5	16	5	37	\$1,141
P1844493	6	9600	GCE18	28	10	10	47	\$1,347
P1844494	6	12150	GCE24	28	13	10	57	\$1,539
P1844495	6	15000	GCE24	28	13	10	67	\$1,690
P1844496	6	21600	GCE30	28	16	10	89	\$2,034
P1844497	4.5	1800	GCE6	19	10	5	16	\$438
P1844498	4.5	1200	GCE3	12	10	5	13	\$295
P1844499	4.5	4608	GCE9	26.5	10	5	26	\$698

Braking Resistors and Modules**Discount
Schedule - CP4C**

Standard NEMA 1 Style

Part No.	Ohms	Watts	Enclosure Type	Dimensions (Inches)			Weight (lbs)	List Price
				L	W	H		
P18444100	4.5	1600	GCE4	12	13	5	16	\$367
P18444101	4.5	5832	GCE12	26.5	13	5	32	\$894
P18444102	4.5	7200	GCE15	26.5	16	5	39	\$1,141
P18444103	4.5	9112	GCE15	26.5	16	5	41	\$1,141
P18444104	4.5	11250	GCE18	28	10	10	53	\$1,347
P18444105	4.5	16200	GCE24	28	13	10	74	\$1,690
P18444106	4.5	22050	GCE30	28	16	10	99	\$2,445
P18444107	4.5	32512	ED2	30	18	16	151	\$3,875
P18444108	4.5	28800	ED2	30	18	16	105	\$3,327
P18444109	4.5	45000	ED3	30	18	24	204	\$4,675
P18444110	3.3	1745	GCE6	19	10	5	16	\$438
P18444111	3.3	2230	GCE6	19	10	5	17	\$455
P18444112	3.3	1200	GCE3	12	10	5	13	\$295
P18444113	3.3	2775	GCE6	19	10	5	19	\$559
P18444114	3.3	3379	GCE6	19	10	5	21	\$559
P18444115	3.3	4276	GCE9	26.5	10	5	26	\$705
P18444116	3.3	5280	GCE12	26.5	13	5	33	\$894
P18444117	3.3	6682	GCE12	26.5	13	5	34	\$962
P18444118	3.3	8250	GCE15	26.5	16	5	44	\$1,141
P18444119	3.3	8923	GCE18	28	10	10	40	\$1,136
P18444120	3.3	11880	GCE18	28	10	10	58	\$1,347
P18444121	3.3	16170	GCE24	28	13	10	75	\$1,827
P18444122	3.3	13516	GCE24	28	13	10	55	\$1,535
P18444123	3.3	23842	ED2	30	18	16	127	\$3,032
P18444124	3.3	33000	ED3	30	18	24	176	\$3,826
P18444125	2.2	5500	GCE9	26.5	10	5	30	\$756
P18444126	2.2	7920	GCE12	26.5	13	5	41	\$962
P18444127	2.2	10780	GCE15	26.5	16	5	54	\$1,347
P18444128	2.2	11404	GCE24	28	13	10	56	\$1,555
P18444129	2.2	15895	GCE24	28	13	10	82	\$2,019
P18444130	2.2	14080	GCE30	28	16	10	70	\$1,864
P18444131	2.2	17820	GCE30	28	16	10	73	\$2,034
P18444132	2.2	22000	GCE30	28	16	10	108	\$2,445
P18444133	2.2	31680	ED3	30	18	24	151	\$3,383
P18444134	2.2	40095	ED4	30	18	32	168	\$4,473
P18444135	2.2	49500	ED5	30	18	40	232	\$5,628
P18444136	2.2	97020	ED5	30	18	40	368	\$9,370
P18444137	2.2	71280	ED6	30	18	48	310	\$6,785
P18444138	1.8	1843	GCE6	19	10	5	16	\$438
P18444139	1.8	2332	GCE6	19	10	5	18	\$479
P18444140	1.8	2880	GCE6	19	10	5	22	\$595
P18444141	1.8	3645	GCE6	19	10	5	22	\$595
P18444142	1.8	4500	GCE9	26.5	10	5	30	\$705
P18444143	1.8	6480	GCE9	26.5	10	5	33	\$756
P18444144	1.8	8820	GCE12	26.5	13	5	45	\$1,126
P18444145	1.8	9331	GCE18	28	10	10	44	\$1,347
P18444146	1.8	13005	GCE24	28	13	10	75	\$1,827
P18444147	1.8	11520	GCE24	28	13	10	59	\$1,690

Braking Resistors and Modules

Discount Schedule - CP4C

Case Resistor Style

Part No.	Ohms	Watts	Enclosure Type	Dimensions (Inches)			Weight (lbs)	List Price
				L	W	H		
P18444CR1	100	100	CR100	6	1.5	0.75	0.5	\$65
P18444CR2	100	150	CR150	9	1.5	0.75	1	\$77
P18444CR3	100	200	CR200	6	3	1.5	2	\$91
P18444CR4	100	250	CR250	7.5	3	1.5	2.5	\$97
P18444CR5	100	300	CR300	9	3	1.5	3	\$104
P18444CR6	100	400	CR400	12	3	1.5	4	\$129
P18444CR7	100	500	CR500	15	3	1.5	5	\$151
P18444CR8	72	150	CR150	9	1.5	0.75	1	\$77
P18444CR9	72	200	CR200	6	3	1.5	2	\$91
P18444CR10	72	250	CR250	7.5	3	1.5	2.5	\$97
P18444CR11	72	300	CR300	9	3	1.5	3	\$104
P18444CR12	72	400	CR400	12	3	1.5	4	\$129
P18444CR13	72	500	CR500	15	3	1.5	5	\$151
P18444CR14	60	300	CR300	9	3	1.5	3	\$104
P18444CR15	60	400	CR400	12	3	1.5	4	\$129
P18444CR16	60	500	CR500	15	3	1.5	5	\$151
P18444CR17	40	100	CR100	6	1.5	0.75	0.5	\$65
P18444CR18	40	150	CR150	9	1.5	0.75	1	\$77
P18444CR19	40	200	CR200	6	3	1.5	2	\$91
P18444CR20	40	250	CR250	7.5	3	1.5	2.5	\$97
P18444CR21	40	300	CR300	9	3	1.5	3	\$104
P18444CR22	40	400	CR400	12	3	1.5	4	\$129
P18444CR23	40	500	CR500	15	3	1.5	5	\$151
P18444CR24	25	200	CR200	6	3	1.5	2	\$91
P18444CR25	25	250	CR250	7.5	3	1.5	2.5	\$97
P18444CR26	25	300	CR300	9	3	1.5	3	\$104
P18444CR27	25	400	CR400	12	3	1.5	4	\$129
P18444CR28	25	150	CR150	9	1.5	0.75	1	\$77
P18444CR29	25	500	CR500	15	3	1.5	5	\$151
P18444CR30	16	200	CR200	6	3	1.5	2	\$91
P18444CR31	16	300	CR300	9	3	1.5	3	\$104
P18444CR32	16	400	CR400	12	3	1.5	4	\$129
P18444CR33	16	500	CR500	15	3	1.5	5	\$151

Braking Modules**Discount Schedule - CP4C**

Part No.	Ohms	Watts	Enclosure Type	Dimensions (Inches)			Weight (lbs)	List Price
				L	W	H		
ATVBM250	1.95	50	200	6.5	5.3	11	8	\$1,653
ATVBM2115	1.95	115	200	6.5	5.3	13	11	\$1,833
ATVBM2150	1.3	150	300	6.5	5.3	13	11	\$2,001
ATVBM240450	0.65	450	600	7	10	20	30	\$6,823
ATVBM240600	0.43	600	900	7	10	20	30	\$8,902
ATVBM240900	0.29	900	1350	10	10	24	55	\$11,943
ATVBM2401200	0.22	1200	1800	10	10	24	55	\$15,758
ATVBM450	3.88	50	200	6.5	5.3	11	8	\$1,653
ATVBM4115	3.88	115	200	6.5	5.3	13	11	\$1,833
ATVBM4150	2.58	150	300	6.5	5.3	13	11	\$2,001
ATVBM480450	1.29	450	600	7	10	20	30	\$6,823
ATVBM480600	0.86	600	900	7	10	20	30	\$8,902
ATVBM480900	0.57	900	1350	10	10	24	55	\$11,943
ATVBM4801200	0.43	1200	1800	10	10	24	55	\$15,758
ATVBM650	4.85	50	200	6.5	5.3	11	8	\$1,653
ATVBM6115	4.85	115	200	6.5	5.3	13	11	\$1,833
ATVBM6150	3.23	150	300	6.5	5.3	13	11	\$2,001
ATVBM600450	1.62	450	600	7	10	20	30	\$6,823
ATVBM600600	1.08	600	900	7	10	20	30	\$8,902
ATVBM600900	0.72	900	1350	10	10	24	55	\$11,943
ATVBM6001200	0.54	1200	1800	10	10	24	55	\$15,758

All Drives Parts – Alphabetic Listing

Part No.	Description	List Price	Discount Schedule
490NAD91103	PROFIBUS CONNECTOR W TERM	\$117	PC31
490NAD91104	PROFIBUS CONNECTOR	\$93	PC31
490NTC00005	ETHERNET SFTP 5M CROSSED	\$87	PC41
490NTC00005U	ETHERNET SFTP 5M CROSSED CABLE W/UL	\$86	PC45
490NTC00015	ETHERNET SFTP 15M CROSSED	\$125	PC45
490NTC00015U	ETHERNET SFTP 15M CROSSED CABLE W/UL	\$122	PC41
490NTW00002	ETHERNET SFTP 2M CORD	\$73	PC45
490NTW00002U	ETHERNET SFTP 2M CORD CABLE W/UL	\$72	PC41
490NTW00005	ETHERNET SFTP 5 M CORD	\$87	PC45
490NTW00005U	ETHERNET SFTP 5M CORD CABLE W/UL	\$86	PC41
490NTW00012	ETHERNET SFTP 12M CORD	\$116	PC45
490NTW00012U	ETHERNET SFTP 12M CORD CABLE W/UL	\$113	PC41
490NTW00040	ETHERNET SFTP 40M CORD	\$225	PC45
490NTW00080	ETHERNET SFTP 80M CORD	\$399	PC45
ATS01N103FT	SOFT START 110-480VAC 3A ATS01	\$100	I11
ATS01N106FT	SOFT START 110-480VAC 6A ATS01	\$115	I11
ATS01N109FT	SOFT START 110-480VAC 9 Amp ATS01	\$130	I11
ATS01N112FT	SOFT START 110-480VAC 12 Amp ATS01	\$145	I11
ATS01N125FT	SOFT STARTER 25A 110 48V	\$240	I11
ATS01N206LU	SOFT START 200-240VAC 6A ATS01	\$133	I11
ATS01N206QN	SOFT START 380-415VAC 6A ATS01	\$133	I11
ATS01N206RT	SOFT START 440-480VAC 6A ATS01	\$133	I11
ATS01N209LU	SOFT START 200-240VAC 9A ATS01	\$152	I11
ATS01N209QN	SOFT START 380-415VAC 9A ATS01	\$152	I11
ATS01N209RT	SOFT START 440-480VAC 9A ATS01	\$152	I11
ATS01N212LU	SOFT START 200-240VAC 12A ATS01	\$175	I11
ATS01N212QN	SOFT START 380-415VAC 12A ATS01	\$175	I11
ATS01N212RT	SOFT START 440-480VAC 12A ATS01	\$175	I11
ATS01N222LU	SOFT START 200-240VAC 22A ATS01	\$219	I11
ATS01N222QN	SOFT START 380-415VAC 22A ATS01	\$219	I11
ATS01N222RT	SOFT START 440-480VAC 22A ATS01	\$219	I11
ATS01N232LU	SOFT START 200-240VAC 32A ATS01	\$300	I11
ATS01N232QN	SOFT START 380-415VAC 32A ATS01	\$300	I11
ATS01N232RT	SOFT START 440-480VAC 32A ATS01	\$300	I11
ATS22C11S6	soft start 208-600vac220Vcntrl ,110amp	\$1,468	CP1G
ATS22C11S6U	soft start 208-600vac 110vcntrl,110amp	\$1,468	CP1G
ATS22C14S6	soft start 208-600vac220Vcntrl ,140amp	\$1,792	CP1G
ATS22C14S6U	soft start 208-600vac 110vcntrl,140amp	\$1,792	CP1G
ATS22C17S6	soft start 208-600vac220Vcntrl ,170amp	\$2,056	CP1G
ATS22C17S6U	soft start 208-600vac 110vcntrl,170amp	\$2,056	CP1G
ATS22C21S6	soft start 208-600vac220Vcntrl ,210amp	\$2,383	CP1G
ATS22C21S6U	soft start 208-600vac 110vcntrl,210amp	\$2,383	CP1G
ATS22C25S6	soft start 208-600vac220Vcntrl ,250amp	\$2,714	CP1G
ATS22C25S6U	soft start 208-600vac 110vcntrl,250amp	\$2,714	CP1G
ATS22C32S6	soft start 208-600vac220Vcntrl ,320amp	\$3,083	CP1G
ATS22C32S6U	soft start 208-600vac 110vcntrl,320amp	\$3,083	CP1G

ATS22C41S6	soft start 208-600vac220Vcntrl, 410amp	\$3,573	CP1G
ATS22C41S6U	soft start 208-600vac 110vcntrl,410amp	\$3,573	CP1G
ATS22C48S6	soft start 208-600vac220Vcntrl,480amp	\$4,263	CP1G
ATS22C48S6U	soft start 208-600vac 110vcntrl,480amp	\$4,263	CP1G
ATS22C59S6	soft start 208-600vac220Vcntrl,590amp	\$4,862	CP1G
ATS22C59S6U	soft start 208-600vac 110v cntrl,590amp	\$4,862	CP1G
ATS22D17S6	soft start 208-600vac220Vcntrl , 17amp	\$613	CP1G
ATS22D17S6U	soft start 208-600vac 110vcntrl,17amp	\$613	CP1G
ATS22D32S6	soft start 208-600vac220Vcntrl ,32amp	\$654	CP1G
ATS22D32S6U	soft start 208-600vac 110vcntrl,32amp	\$654	CP1G
ATS22D47S6	soft start 208-600vac220Vcntrl ,47amp	\$786	CP1G
ATS22D47S6U	soft start 208-600vac 110vcntrl,47amp	\$786	CP1G
ATS22D62S6	soft start 208-600vac220Vcntrl ,63amp	\$945	CP1G
ATS22D62S6U	soft start 208-600vac 110vcntrl,63amp	\$945	CP1G
ATS22D75S6	soft start 208-600vac220Vcntrl ,75amp	\$1,083	CP1G
ATS22D75S6U	soft start 208-600vac 110vcntrl,75amp	\$1,083	CP1G
ATS22D88S6	soft start 208-600vac220Vcntrl ,88amp	\$1,267	CP1G
ATS22D88S6U	soft start 208-600vac 110vcntrl,88amp	\$1,267	CP1G
ATS48C11Y	SOFT START 208-690VAC 110AMP ATS48	\$1,785	CP1G
ATS48C14Y	SOFT START 208-690VAC 140A ATS48	\$2,205	CP1G
ATS48C17Y	SOFT START 208-690VAC 170A ATS48	\$2,415	CP1G
ATS48C21Y	SOFT START 208-690VAC 210A ATS48	\$2,730	CP1G
ATS48C25Y	SOFT START 208-690VAC 250AMP ATS48	\$3,045	CP1G
ATS48C32Y	SOFT START 208-690VAC 320AMP ATS48	\$3,630	CP1G
ATS48C41Y	SOFT START 208-690VAC 410A ATS48	\$4,290	CP1G
ATS48C48Y	SOFT START 208-690VAC 480AMP ATS48	\$5,405	CP1G
ATS48C59Y	SOFT START 208-690VAC 590AMP ATS48	\$6,210	CP1G
ATS48C66Y	SOFT START 208-690VAC 660A ATS48	\$7,440	CP1G
ATS48C79Y	SOFT START 208-690VAC 790A ATS48	\$8,640	CP1G
ATS48D17Y	SOFT START 208-690VAC 17A ATS48	\$819	CP1G
ATS48D22Y	SOFT START 208-690VAC 22AMP ATS48	\$851	CP1G
ATS48D32Y	SOFT START 208-690VAC 32A ATS48	\$882	CP1G
ATS48D38Y	SOFT START 208-690VAC 38A ATS48	\$945	CP1G
ATS48D47Y	SOFT START 208-690VAC 47A ATS48	\$997	CP1G
ATS48D62Y	SOFT START 208-690VAC 62A ATS48	\$1,260	CP1G
ATS48D75Y	SOFT START 208-690VAC 75A ATS48	\$1,344	CP1G
ATS48D88Y	SOFT START 208-690VAC 88A ATS48	\$1,575	CP1G
ATS48M10Y	SOFT START 208-690VAC 1000A ATS48	\$10,320	CP1G
ATS48M12Y	SOFT START 208-690VAC 1200A ATS48	\$12,720	CP1G
ATSU01N206LT	SOFT START 200-480VAC 6A ATS01	\$133	I11
ATSU01N209LT	SOFT START 200-480VAC 9A ATS01	\$152	I11
ATSU01N212LT	SOFT START 200-480VAC 12A ATS01	\$175	I11
ATSU01N222LT	SOFT START 200-480VAC 22A ATS01	\$219	I11
ATSU01N232LT	SOFT START 200-480VAC 32A ATS01	\$300	I11
ATV12H018F1	AC Drive, 0.25 HP, 115v in, 230v out	\$185	CP4B
ATV12H018M2	AC Drive, 0.25 HP, 230v 1 phase in, 230v out	\$185	CP4B
ATV12H018M3	AC Drive, 0.25 HP, 230v 3 phase in, 230v out	\$169	CP4B
ATV12H037F1	AC Drive, 0.5 HP, 115v in, 230v out	\$192	CP4B
ATV12H037M2	AC Drive, 0.5 HP, 230v 1 phase in, 230v out	\$192	CP4B

ATV12H037M3	AC Drive, 0.5 HP, 230v 3 phase in, 230v out	\$176	CP4B
ATV12H055M2	AC Drive, 0.75 HP, 230v 1 phase in, 230v out	\$205	CP4B
ATV12H075F1	AC Drive, 1 HP, 115v in, 230v out	\$224	CP4B
ATV12H075M2	AC Drive, 1 HP, 230v 1 phase in, 230v out	\$224	CP4B
ATV12H075M3	AC Drive, 1 HP, 230v 3 phase in, 230v out	\$206	CP4B
ATV12HU15M2	AC Drive, 2 HP, 230v 1 phase in, 230v out	\$291	CP4B
ATV12HU15M3	AC Drive, 2 HP, 230v 3 phase in, 230v out	\$267	CP4B
ATV12HU22M2	AC Drive, 3 HP, 230v 1 phase in, 230v out	\$349	CP4B
ATV12HU22M3	AC Drive, 3 HP, 230v 3 phase in, 230v out	\$320	CP4B
ATV12HU30M3	AC Drive, 3kW 230v 3 phase in, 230v out	\$371	CP4B
ATV12HU40M3	AC Drive, 5 HP, 230v 3 phase in, 230v out	\$436	CP4B
ATV12P037F1	ac drive,baseplate1 hp 115v 1phase	\$192	CP4B
ATV12P037M2	ac drive baseplate .5 hp 230v 1 phase	\$192	CP4B
ATV12P037M3	ac drive baseplate,.5 hp, 230v 3 phase	\$176	CP4B
ATV12P055M2	ac drive .baseplate .75 hp 230v 1 phase in	\$205	CP4B
ATV12P075M2	ac drive baseplate,1 hp 230v 1 phase	\$224	CP4B
ATV12P075M3	ac drive baseplate 1 HP 230v 3 phase	\$206	CP4B
ATV12PU15M3	ac drive, baseplate 2 hp 230v 3 phase	\$267	CP4B
ATV12PU22M3	ac drive, baseplate 3 hp 230v 3 phase	\$320	CP4B
ATV12PU30M3	ac drive, baseplate 3 kw 230v 3 phase	\$371	CP4B
ATV12PU40M3	ac drive, baseplate 5 hp 230v 3 phase	\$436	CP4B
ATV212H075M3X	SPEEDDRIVE 200-240VAC 1HP,ATV212	\$447	CP4D
ATV212H075N4	SPEEDDRIVE 380-480VAC 1HP,ATV212	\$498	CP4D
ATV212HD11M3X	SPEEDDRIVE 200-240VAC 15HP,ATV212	\$1,398	CP4D
ATV212HD11N4	SPEEDDRIVE 380-480VAC 15HP,ATV212	\$1,187	CP4D
ATV212HD15M3X	SPEEDDRIVE 200-240VAC 20HP, ATV212	\$1,805	CP4D
ATV212HD15N4	SPEEDDRIVE 380-480VAC 20HP,ATV212	\$1,425	CP4D
ATV212HD18M3X	SPEEDDRIVE 200-240VAC 25HP,ATV212	\$2,314	CP4D
ATV212HD18N4	SPEEDDRIVE 380-480VAC 25HP,ATV212	\$1,856	CP4D
ATV212HD22M3X	SPEEDDRIVE 200-240VAC 30HP,ATV212	\$3,125	CP4D
ATV212HD22N4	SPEEDDRIVE 380-480VAC 30HP,ATV212	\$2,856	CP4D
ATV212HD22N4S	SPEEDDRIVE 380-480VAC 30HP,ATV212	\$2,289	CP4D
ATV212HD30M3X	SPEEDDRIVE 200-240VAC 40HP,ATV212	\$4,013	CP4D
ATV212HD30N4	SPEEDDRIVE 380-480VAC 40HP,ATV212	\$3,091	CP4D
ATV212HD37N4	SPEEDDRIVE 380-480VAC 50HP,ATV212	\$3,479	CP4D
ATV212HD45N4	SPEEDDRIVE 380-480VAC 60HP,ATV212	\$3,998	CP4D
ATV212HD55N4	SPEEDDRIVE 380-480VAC 75HP,ATV212	\$4,705	CP4D
ATV212HD75N4	SPEEDDRIVE 380-480VAC 100HP,ATV212	\$5,743	CP4D
ATV212HU15M3X	SPEEDDRIVE 200-240VAC 2HP,ATV212	\$510	CP4D
ATV212HU15N4	SPEEDDRIVE 380-480VAC 2HP,ATV212	\$552	CP4D
ATV212HU22M3X	SPEEDDRIVE 200-240VAC 3HP,ATV212	\$618	CP4D
ATV212HU22N4	SPEEDDRIVE 380-480VAC 3HP,ATV212	\$605	CP4D
ATV212HU30M3X	SPEEDDRIVE 200-240VAC 4HP,ATV212	\$700	CP4D
ATV212HU30N4	SPEEDDRIVE 380-480VAC 4HP,ATV212	\$675	CP4D
ATV212HU40M3X	SPEEDDRIVE 200-240VAC 5HP,ATV212	\$725	CP4D
ATV212HU40N4	SPEEDDRIVE 380-480VAC 5HP,ATV212	\$685	CP4D
ATV212HU55M3X	SPEEDDRIVE 200-240VAC 7.5HP,ATV212	\$815	CP4D
ATV212HU55N4	SPEEDDRIVE 380-480VAC 7.5HP,ATV212	\$795	CP4D
ATV212HU75M3X	SPEEDDRIVE 200-240VAC 10HP,ATV212	\$963	CP4D

ATV212HU75N4	SPEEDDRIVE 380-480VAC 10HP,ATV212	\$875	CP4D
ATV212W075N4	SPEEDDRIVE 380-480VAC 1HP,ATV212 Type12	\$617	CP4D
ATV212W075N4C	SPEEDDRIVE 480VAC 1HP,ATV212 Type12 EMC B	\$802	CP4D
ATV212WD11N4	SPEEDDRIVE 380-480VAC 15HP,ATV212 Type12	\$1,456	CP4D
ATV212WD11N4C	SPEEDDRIVE 480VAC 15HP,ATV212 Type12 EMC B	\$1,907	CP4D
ATV212WD15N4	SPEEDDRIVE 380-480VAC 20HP,ATV212 Type12	\$1,668	CP4D
ATV212WD15N4C	SPEEDDRIVE 480VAC 20HP,ATV212 Type12 EMC B	\$2,168	CP4D
ATV212WD18N4	SPEEDDRIVE 380-480VAC 25HP,ATV212 Type12	\$2,219	CP4D
ATV212WD18N4C	SPEEDDRIVE 480VAC 25HP,ATV212 Type12 EMC B	\$2,885	CP4D
ATV212WD22N4	SPEEDDRIVE 380-480VAC 30HP,ATV212 Type12	\$2,990	CP4D
ATV212WD22N4C	SPEEDDRIVE 480VAC 30HP,ATV212 Type12 EMC B	\$3,522	CP4D
ATV212WD30N4	SPEEDDRIVE 380-480VAC 40HP,ATV212 Type12	\$3,204	CP4D
ATV212WD30N4C	SPEEDDRIVE 480VAC 40HP,ATV212 Type12 EMC B	\$4,166	CP4D
ATV212WD37N4	SPEEDDRIVE 380-480VAC 50HP,ATV212 Type12	\$3,623	CP4D
ATV212WD37N4C	SPEEDDRIVE 480VAC 50HP,ATV212 Type12 EMC B	\$4,710	CP4D
ATV212WD45N4	SPEEDDRIVE 380-480VAC 60HP,ATV212 Type12	\$4,448	CP4D
ATV212WD45N4C	SPEEDDRIVE 480VAC 60HP,ATV212 Type12 EMC B	\$5,782	CP4D
ATV212WD55N4	SPEEDDRIVE 380-480VAC 75HP,ATV212 Type12	\$5,038	CP4D
ATV212WD55N4C	SPEEDDRIVE 480VAC 75HP,ATV212 Type12 EMC B	\$6,549	CP4D
ATV212WD75N4	SPEEDDRIVE 380-480VAC100HPATV212 Type12	\$6,115	CP4D
ATV212WD75N4C	SPEEDDRIVE 480VAC100HPATV212 Type12 EMC B	\$7,950	CP4D
ATV212WU15N4	SPEEDDRIVE 380-480VAC 2HP,ATV212 Type12	\$694	CP4D
ATV212WU15N4C	SPEEDDRIVE 480VAC 2HP,ATV212 Type12 EMC B	\$902	CP4D
ATV212WU22N4	SPEEDDRIVE 380-480VAC 3HP,ATV212 Type12	\$747	CP4D
ATV212WU22N4C	SPEEDDRIVE 480VAC 3HP,ATV212 Type12 EMC B	\$971	CP4D
ATV212WU30N4	SPEEDDRIVE 380-480VAC 4HP,ATV212 Type12	\$792	CP4D
ATV212WU30N4C	SPEEDDRIVE 480VAC 4HP,ATV212 Type12 EMC B	\$1,030	CP4D
ATV212WU40N4	SPEEDDRIVE 380-480VAC 5HP,ATV212 Type12	\$829	CP4D
ATV212WU40N4C	SPEEDDRIVE 480VAC 5HP,ATV212 Type12 EMC B	\$1,078	CP4D
ATV212WU55N4	SPEEDDRIVE 380-480VAC 7.5HP,ATV212 Type12	\$1,070	CP4D
ATV212WU55N4C	SPEEDDRIVE 480VAC 7.5HP,ATV212 Type12 EMC B	\$1,391	CP4D
ATV212WU75N4	SPEEDDRIVE 380-480VAC 10HP,ATV212 Type12	\$1,208	CP4D
ATV212WU75N4C	SPEEDDRIVE 480VAC 10HP,ATV212 Type12 EMC B	\$1,570	CP4D
ATV312H018M2	AC DRIVE 0.25 HP 240V 1 PHASE	\$268	CP4B
ATV312H018M3	AC DRIVE 0.25 HP 240V 3 PHASE	\$258	CP4B
ATV312H037M2	AC DRIVE 0.5 HP 240V 1 PHASE	\$287	CP4B
ATV312H037M3	AC DRIVE 0.5 HP 240V 3 PHASE	\$287	CP4B
ATV312H037N4	ATV312 0.5 HP 480V 3 PHASE	\$363	CP4B
ATV312H055M2	AC DRIVE 0.75 HP 240V 1 PHASE	\$306	CP4B
ATV312H055M3	AC DRIVE 0.75 HP 240V 3 PHASE	\$306	CP4B
ATV312H055N4	AC DRIVE 0.75 HP 480V 3 PHASE	\$392	CP4B
ATV312H075M2	AC DRIVE 1 HP 240V 1 PHASE	\$335	CP4B
ATV312H075M3	AC DRIVE 1 HP 240V 3 PHASE	\$325	CP4B
ATV312H075N4	AC DRIVE 1 HP 480V 3 PHASE	\$421	CP4B
ATV312H075S6	ATV312 1 HP 600V 3 PHASES	\$484	CP4B
ATV312HD11M3	AC DRIVE 15 HP 240V 3 PHASE	\$1,338	CP4B
ATV312HD11N4	AC DRIVE 15 HP 480V 3 PHASE	\$1,386	CP4B
ATV312HD11S6	ATV312 15 HP 600V 3 PHASES	\$1,594	CP4B
ATV312HD15M3	AC DRIVE 20 HP 240V 3 PHASE	\$1,721	CP4B

ATV312HD15N4	AC DRIVE 20 HP 480V 3 PHASE	\$1,721	CP4B
ATV312HD15S6	ATV312 20 HP 600V 3 PHASES	\$1,979	CP4B
ATV312HU11M2	AC DRIVE 1.5 HP 240V 1 PHASE	\$363	CP4B
ATV312HU11M3	AC DRIVE 1.5 HP 240V 3 PHASE	\$363	CP4B
ATV312HU11N4	AC DRIVE 1.5 HP 480V 3 PHASE	\$449	CP4B
ATV312HU15M2	AC DRIVE 2 HP 240V 1 PHASE	\$402	CP4B
ATV312HU15M3	AC DRIVE 2 HP 240V 3 PHASE	\$421	CP4B
ATV312HU15N4	AC DRIVE 2 HP 480V 3 PHASE	\$497	CP4B
ATV312HU15S6	ATV312 2 HP 600V 3 PHASES	\$572	CP4B
ATV312HU22M2	AC DRIVE 3 HP 240V 1 PHASE	\$468	CP4B
ATV312HU22M3	AC DRIVE 3 HP 240V 3 PHASE	\$478	CP4B
ATV312HU22N4	AC DRIVE 3 HP 480V 3 PHASE	\$574	CP4B
ATV312HU22S6	ATV312 4 HP 600V 3 PHASES	\$660	CP4B
ATV312HU30M3	AC DRIVE 4 HP 240V 3 PHASE	\$554	CP4B
ATV312HU30N4	AC DRIVE 4 HP 480V 3 PHASE	\$650	CP4B
ATV312HU40M3	AC DRIVE 5 HP 240V 3 PHASE	\$650	CP4B
ATV312HU40N4	AC DRIVE 5 HP 480V 3 PHASE	\$688	CP4B
ATV312HU40S6	ATV312 5 HP 600V 3 PHASES	\$792	CP4B
ATV312HU55M3	AC DRIVE 7.5 HP 240V 3 PHASE	\$841	CP4B
ATV312HU55N4	AC DRIVE 7.5 HP 480V 3 PHASE	\$860	CP4B
ATV312HU55S6	ATV312 7.5 HP 600V 3 PHASES	\$989	CP4B
ATV312HU75M3	AC DRIVE 10 HP 240V 3 PHASE	\$1,013	CP4B
ATV312HU75N4	AC DRIVE 10 HP 480V 3 PHASE	\$1,052	CP4B
ATV312HU75S6	ATV312 10 HP 600V 3 PHASES	\$1,209	CP4B
ATV320D11M3C	ATV320 Compact drive IP20 -15HP-200/240V 3ph	\$1,338	CP4B
ATV320D11N4B	ATV320 Book drive IP20 -15HP-400/480V 3ph	\$1,386	CP4B
ATV320D15M3C	ATV320 Compact drive IP20 -20HP-200/240V 3ph	\$1,721	CP4B
ATV320D15N4B	ATV320 Book drive IP20 -20HP-400/480V 3ph	\$1,721	CP4B
ATV320U02M2B	ATV320 Book drive IP20 -0.25HP-200/240V 1ph	\$284	CP4B
ATV320U02M2C	ATV320 Compact drive IP20 -0.25HP-200/240V 1ph	\$268	CP4B
ATV320U02M3C	ATV320 Compact drive IP20 -0.25HP-200/240V 3ph	\$258	CP4B
ATV320U04M2B	ATV320 Book drive IP20 -0.5HP-200/240V 1ph	\$304	CP4B
ATV320U04M2C	ATV320 Compact drive IP20 -0.5HP-200/240V 1ph	\$287	CP4B
ATV320U04M3C	ATV320 Compact drive IP20 -0.5HP-200/240V 3ph	\$287	CP4B
ATV320U04N4B	ATV320 Book drive IP20 -0.5HP-400/480V 3ph	\$385	CP4B
ATV320U04N4C	ATV320 Compact drive IP20 -0.5HP-400/480V 3ph	\$363	CP4B
ATV320U06M2B	ATV320 Book drive IP20 -0.75HP-200/240V 1ph	\$324	CP4B
ATV320U06M2C	ATV320 Compact drive IP20 -0.75HP-200/240V 1ph	\$306	CP4B
ATV320U06M3C	ATV320 Compact drive IP20 -0.75HP-200/240V 3ph	\$306	CP4B
ATV320U06N4B	ATV320 Book drive IP20 -0.75HP-400/480V 3ph	\$416	CP4B
ATV320U06N4C	ATV320 Compact drive IP20 -0.75HP-400/480V 3ph	\$392	CP4B
ATV320U07M2B	ATV320 Book drive IP20 -1HP-200/240V 1ph	\$355	CP4B
ATV320U07M2C	ATV320 Compact drive IP20 -1HP-200/240V 1ph	\$335	CP4B
ATV320U07M3C	ATV320 Compact drive IP20 -1HP-200/240V 3ph	\$325	CP4B
ATV320U07N4B	ATV320 Book drive IP20 -1HP-400/480V 3ph	\$446	CP4B
ATV320U07N4C	ATV320 Compact drive IP20 -1HP-400/480V 3ph	\$421	CP4B
ATV320U11M2B	ATV320 Book drive IP20 -1.5HP-200/240V 1ph	\$385	CP4B
ATV320U11M2C	ATV320 Compact drive IP20 -1.5HP-200/240V 1ph	\$363	CP4B
ATV320U11M3C	ATV320 Compact drive IP20 -1.5HP-200/240V 3ph	\$363	CP4B

ATV320U11N4B	ATV320 Book drive IP20 -1.5HP-400/480V 3ph	\$476	CP4B
ATV320U11N4C	ATV320 Compact drive IP20 -1.5HP-400/480V 3ph	\$449	CP4B
ATV320U15M2B	ATV320 Book drive IP20 -2HP-200/240V 1ph	\$426	CP4B
ATV320U15M2C	ATV320 Compact drive IP20 -2HP-200/240V 1ph	\$402	CP4B
ATV320U15M3C	ATV320 Compact drive IP20 -2HP-200/240V 3ph	\$421	CP4B
ATV320U15N4B	ATV320 Book drive IP20 -2HP-400/480V 3ph	\$527	CP4B
ATV320U15N4C	ATV320 Compact drive IP20 -2HP-400/480V 3ph	\$497	CP4B
ATV320U22M2B	ATV320 Book drive IP20 -3HP-200/240V 1ph	\$496	CP4B
ATV320U22M2C	ATV320 Compact drive IP20 -3HP-200/240V 1ph	\$468	CP4B
ATV320U22M3C	ATV320 Compact drive IP20 -3HP-200/240V 3ph	\$478	CP4B
ATV320U22N4B	ATV320 Book drive IP20 -3HP-400/480V 3ph	\$608	CP4B
ATV320U22N4C	ATV320 Compact drive IP20 -3HP-400/480V 3ph	\$574	CP4B
ATV320U30M3C	ATV320 Compact drive IP20 -3kW-200/240V 3ph	\$554	CP4B
ATV320U30N4B	ATV320 Book drive IP20 -3kW-400/480V 3ph	\$689	CP4B
ATV320U30N4C	ATV320 Compact driv IP20 4Hp 3kw400/480V	\$650	CP4B
ATV320U40M3C	ATV320 Compact drive IP20 -5HP-200/240V 3ph	\$650	CP4B
ATV320U40N4B	ATV320 Book drive IP20 -5HP-400/480V 3ph	\$729	CP4B
ATV320U40N4C	ATV320 Compact drive IP20 -5HP-400/480V 3ph	\$688	CP4B
ATV320U55M3C	ATV320 Compact drive IP20 -7.5HP-200/240V 3ph	\$841	CP4B
ATV320U55N4B	ATV320 Book drive IP20 -7.5HP-400/480V 3ph	\$860	CP4B
ATV320U75M3C	ATV320 Compact drive IP20 -10HP-200/240V 3ph	\$1,013	CP4B
ATV320U75N4B	ATV320 Book drive IP20 -10HP-400/480V 3ph	\$1,052	CP4B
ATV32H018M2	ATV32 0.25 HP240V 1PH w/o bluetooth	\$335	CP4B
ATV32H037M2	ATV32 0.5 HP 240V 1PH w/o bluetooth	\$365	CP4B
ATV32H037N4	ATV32 0.5 HP 480V 3PH w/o bluetooth	\$490	CP4B
ATV32H055M2	ATV32 0.75 HP240V 1PH w/o bluetooth	\$395	CP4B
ATV32H055N4	ATV32 0.75 HP480V 3PH w/o bluetooth	\$525	CP4B
ATV32H075M2	ATV32 1 HP 240V 1 PH w/o bluetooth	\$420	CP4B
ATV32H075N4	ATV32 1 HP 480V 3 PH w/o bluetooth	\$550	CP4B
ATV32HD11N4	ATV32 15 HP 480V 3 PH w/o bluetooth	\$1,825	CP4B
ATV32HD15N4	ATV32 20 HP 480V 3 PH w/o bluetooth	\$2,325	CP4B
ATV32HU11M2	ATV32 1.5 HP 240V 1PH w/o bluetooth	\$475	CP4B
ATV32HU11N4	ATV32 1.5 HP 480V 3PH w/o bluetooth	\$602	CP4B
ATV32HU15M2	ATV32 2 HP 240V 1 PH w/o bluetooth	\$525	CP4B
ATV32HU15N4	ATV32 2 HP 480V 3 PH w/o bluetooth	\$665	CP4B
ATV32HU22M2	ATV32 3 HP 240V 1 PH w/o bluetooth	\$620	CP4B
ATV32HU22N4	ATV32 3 HP 480V 3 PH w/o bluetooth	\$751	CP4B
ATV32HU30N4	ATV32 4 HP 480V 3 PH w/o bluetooth	\$852	CP4B
ATV32HU40N4	ATV32 5 HP 480V 3 PH w/o bluetooth	\$980	CP4B
ATV32HU55N4	ATV32 7.5 HP 480V 3PH w/o bluetooth	\$1,191	CP4B
ATV32HU75N4	ATV32 10 HP 480V 3 PH w/o bluetooth	\$1,445	CP4B
ATV340U07N4	ATV340 drive IP20 -1HP HD/1.5HP ND-400/480V 3ph	\$513	CP4B
ATV340U15N4	ATV340 drive IP20 -2HP HD/3HP ND-400/480V 3ph	\$606	CP4B
ATV340U22N4	ATV340 drive IP20 -3HP HD/3kW ND-400/480V 3ph	\$699	CP4B
ATV340U30N4	ATV340 drive IP20 -3kW HD/5HP ND-400/480V 3ph	\$792	CP4B
ATV340U40N4	ATV340 drive IP20 -5HP HD/7.5HP ND-400/480V 3ph	\$838	CP4B
ATV340U55N4	ATV340 drive IP20 -7.5HP HD/10HP ND-400/480V 3ph	\$1,006	CP4B
ATV340U75N4	ATV340 drive IP20 -10HP HD/15HP ND-400/480V 3ph	\$1,231	CP4B
ATV340D11N4	ATV340 drive IP20 -15HP HD/20HP ND-400/480V 3ph	\$1,622	CP4B

ATV340D15N4	ATV340 drive IP20 -20HP HD/25HP ND-400/480V 3ph	\$2,014	CP4B
ATV340D18N4	ATV340 drive IP20 -25HP HD/30HP ND-400/480V 3ph	\$2,781	CP4B
ATV340D22N4	ATV340 drive IP20 -30HP HD/40HP ND-400/480V 3ph	\$3,368	CP4B
ATV340U07N4E	ATV340 Ethernet drive IP20 -1HP HD/1.5HP ND-400/480V 3ph	\$800	CP4B
ATV340U15N4E	ATV340 Ethernet drive IP20 -2HP HD/3HP ND-400/480V 3ph	\$894	CP4B
ATV340U22N4E	ATV340 Ethernet drive IP20 -3HP HD/3kW ND-400/480V 3ph	\$987	CP4B
ATV340U30N4E	ATV340 Ethernet drive IP20 -3kW HD/5HP ND-400/480V 3ph	\$1,080	CP4B
ATV340U40N4E	ATV340 Ethernet drive IP20 -5HP HD/7.5HP ND-400/480V 3ph	\$1,126	CP4B
ATV340U55N4E	ATV340 Ethernet drive IP20 -7.5HP HD/10HP ND-400/480V 3ph	\$1,299	CP4B
ATV340U75N4E	ATV340 Ethernet drive IP20 -10HP HD/15HP ND-400/480V 3ph	\$1,523	CP4B
ATV340D11N4E	ATV340 Ethernet drive IP20 -15HP HD/20HP ND-400/480V 3ph	\$1,914	CP4B
ATV340D15N4E	ATV340 Ethernet drive IP20 -20HP HD/25HP ND-400/480V 3ph	\$2,306	CP4B
ATV340D18N4E	ATV340 Ethernet drive IP20 -25HP HD/30HP ND-400/480V 3ph	\$2,980	CP4B
ATV340D22N4E	ATV340 Ethernet drive IP20 -30HP HD/40HP ND-400/480V 3ph	\$3,608	CP4B
ATV340D30N4E	ATV340 Ethernet drive IP20 -40HP HD/50HP ND-400/480V 3ph	\$4,269	CP4B
ATV340D37N4E	ATV340 Ethernet drive IP20 -50HP HD/60HP ND-400/480V 3ph	\$5,222	CP4B
ATV340D45N4E	ATV340 Ethernet drive IP20 -60HP HD/75HP ND-400/480V 3ph	\$5,980	CP4B
ATV340D55N4E	ATV340 Ethernet drive IP20 -75HP HD/100HP ND-400/480V 3ph	\$6,860	CP4B
ATV340D75N4E	ATV340 Ethernet drive IP20 -100HP HD/125HP ND-400/480V 3ph	\$8,258	CP4B
ATV61HC11Y	ALTIVAR 61 DRIVE 125 HP 575/690 VOLT	\$18,917	CP4C
ATV61HC13Y	ALTIVAR 61 DRIVE 150 HP 575/690 VOLT	\$21,480	CP4C
ATV61HC16Y	ALTIVAR 61 DRIVE 175 HP 575/690 VOLT	\$23,290	CP4C
ATV61HC20Y	ALTIVAR 61 DRIVE 200 HP 575/690 VOLT	\$27,205	CP4C
ATV61HC25Y	ALTIVAR 61 DRIVE 250 HP 575/690 VOLT	\$32,424	CP4C
ATV61HC31Y	SPEEDDRIVE 500hp, 575/690 v	\$41,343	CP4C
ATV61HC40Y	ALTIVAR 61 DRIVE 450 HP 575/690 VOLT	\$56,100	CP4C
ATV61HC50Y	ALTIVAR 61 DRIVE 550 HP 575/690 VOLT	\$71,508	CP4C
ATV61HC63Y	ALTIVAR 61 DRIVE 700 HP 575/690 VOLT	\$94,188	CP4C
ATV61HC80Y	ALTIVAR 61 DRIVE 800 HP 575/690 VOLT	\$124,068	CP4C
ATV61HD11Y	ALTIVAR 61 DRIVE 10 HP 575/690 VOLT	\$4,790	CP4C
ATV61HD15Y	ALTIVAR 61 DRIVE 15 HP 575/690 VOLT	\$4,790	CP4C
ATV61HD18Y	ALTIVAR 61 DRIVE 20 HP 575/690 VOLT	\$4,790	CP4C
ATV61HD22Y	ALTIVAR 61 DRIVE 25 HP 575/690 VOLT	\$4,790	CP4C
ATV61HD30Y	ALTIVAR 61 DRIVE 30 HP 575/690 VOLT	\$5,780	CP4C
ATV61HD37Y	ALTIVAR 61 DRIVE 40 HP 575/690 VOLT	\$6,999	CP4C
ATV61HD45Y	ALTIVAR 61 DRIVE 50 HP 575/690 VOLT	\$8,579	CP4C
ATV61HD55Y	ALTIVAR 61 DRIVE 60 HP 575/690 VOLT	\$10,379	CP4C
ATV61HD75Y	ALTIVAR 61 DRIVE 75 HP 575/690 VOLT	\$12,199	CP4C
ATV61HD90Y	ALTIVAR 61 DRIVE 100 HP 575/690 VOLT	\$14,399	CP4C
ATV61HU22S6X	3HP 600V SIZE 5A w/Kypd	\$1,889	CP4C
ATV61HU30S6X	ALTIVAR 61 DRIVE 4HP600V Frame 5A	\$1,989	CP4C
ATV61HU30Y	ALTIVAR 61 DRIVE 3 HP 575/690 VOLT	\$4,790	CP4C
ATV61HU40S6X	5HP 600V SIZE 5A w/Kypd	\$2,099	CP4C
ATV61HU40Y	ALTIVAR 61 DRIVE 4 HP 575/690 VOLT	\$4,790	CP4C
ATV61HU55S6X	7.5HP 600V SIZE 5A w/Kypd	\$2,380	CP4C
ATV61HU55Y	ALTIVAR 61 DRIVE 5 HP 575/690 VOLT	\$4,790	CP4C
ATV61HU75S6X	10HP 600V SIZE 5A w/Kypd	\$2,799	CP4C
ATV61HU75Y	ALTIVAR 61 DRIVE 7.5 HP 575/690 VOLT	\$4,790	CP4C
ATV630C11N4	ATV630 TYPE1 460V 150 HP	\$12,105	CP4E

ATV630C13N4	ATV630 TYPE1 460V 200 HP	\$14,378	CP4E
ATV630C16N4	ATV630 TYPE1 460V 250 HP	\$16,200	CP4E
ATV630C22N4	SPEEDDRIVE,TYPE1,350HP,400V/480V	\$19,250	CP4E
ATV630C25N4	SPEEDDRIVE,TYPE1,400HP,400V/480V	\$23,000	CP4E
ATV630C31N4	SPEEDDRIVE,TYPE1,500HP,400V/480V	\$33,600	CP4E
ATV630D11M3	ATV630 TYPE1 230V 15 HP	\$2,567	CP4E
ATV630D11N4	ATV630 TYPE1 460V 15 HP	\$2,336	CP4E
ATV630D11N4EU	ATV630EU NEMA12 460V 15 HP	\$3,073	CP4E
ATV630D15M3	ATV630 TYPE1 230V 20 HP	\$3,128	CP4E
ATV630D15N4	ATV630 TYPE1 460V 20 HP	\$2,831	CP4E
ATV630D15N4EU	ATV630EU NEMA12 460V 20 HP	\$3,600	CP4E
ATV630D18M3	ATV630 TYPE1 230V 25 HP	\$3,683	CP4E
ATV630D18N4	ATV630 TYPE1 460V 25 HP	\$3,346	CP4E
ATV630D18N4EU	ATV630EU NEMA12 460V 25 HP	\$4,174	CP4E
ATV630D22M3	ATV630 TYPE1 230V 30 HP	\$4,524	CP4E
ATV630D22N4	ATV630 TYPE1 460V 30 HP	\$3,832	CP4E
ATV630D22N4EU	ATV630EU NEMA12 460V 30 HP	\$4,795	CP4E
ATV630D30M3	ATV630 TYPE1 230V 40 HP	\$5,578	CP4E
ATV630D30N4	ATV630 TYPE1 460V 40 HP	\$4,600	CP4E
ATV630D30N4EU	ATV630EU NEMA12 460V 40 HP	\$5,672	CP4E
ATV630D37M3	ATV630 TYPE1 230V 50 HP	\$6,429	CP4E
ATV630D37N4	ATV630 TYPE1 460V 50 HP	\$5,507	CP4E
ATV630D37N4EU	ATV630EU NEMA12 460V 50 HP	\$6,671	CP4E
ATV630D45M3	ATV630 TYPE1 230V 60 HP	\$7,554	CP4E
ATV630D45N4	ATV630 TYPE1 460V 60 HP	\$6,515	CP4E
ATV630D55M3	ATV630 TYPE1 230V 75 HP	\$8,983	CP4E
ATV630D55N4	ATV630 TYPE1 460V 75 HP	\$7,454	CP4E
ATV630D75M3	ATV630 TYPE1 230V 100 HP	\$10,732	CP4E
ATV630D75N4	ATV630 TYPE1 460V 100 HP	\$8,631	CP4E
ATV630D90N4	ATV630 TYPE1 460V 125 HP	\$9,997	CP4E
ATV630U07M3	ATV630 TYPE1 230V 1 HP	\$1,076	CP4E
ATV630U07N4	ATV630 TYPE1 460V 1 HP	\$1,179	CP4E
ATV630U07N4EU	ATV630EU NEMA12 460V 1 HP	\$1,627	CP4E
ATV630U15M3	ATV630 TYPE1 230V 2 HP	\$1,105	CP4E
ATV630U15N4	ATV630 TYPE1 460V 2 HP	\$1,296	CP4E
ATV630U15N4EU	ATV630EU NEMA12 460V 2 HP	\$1,752	CP4E
ATV630U22M3	ATV630 TYPE1 230V 3 HP	\$1,212	CP4E
ATV630U22N4	ATV630 TYPE1 460V 3 HP	\$1,417	CP4E
ATV630U22N4EU	ATV630EU NEMA12 460V 3 HP	\$1,887	CP4E
ATV630U30M3	ATV630 TYPE1 230V 3 KW	\$1,374	CP4E
ATV630U30N4	ATV630 TYPE1 460V 3 KW	\$1,496	CP4E
ATV630U30N4EU	ATV630EU NEMA12 460V 4 HP	\$1,971	CP4E
ATV630U40M3	ATV630 TYPE1 230V 5 HP	\$1,513	CP4E
ATV630U40N4	ATV630 TYPE1 460V 5 HP	\$1,562	CP4E
ATV630U40N4EU	ATV630EU NEMA12 460V 5 HP	\$2,065	CP4E
ATV630U55M3	ATV630 TYPE1 230V 7.5 HP	\$1,793	CP4E
ATV630U55N4	ATV630 TYPE1 460V 7.5 HP	\$1,715	CP4E
ATV630U55N4EU	ATV630EU NEMA12 460V 7.5 HP	\$2,324	CP4E
ATV630U75M3	ATV630 TYPE1 230V 10 HP	\$2,130	CP4E

ATV630U75N4	ATV630 TYPE1 460V 10 HP	\$1,939	CP4E
ATV630U75N4EU	ATV630EU NEMA12 460V 10 HP	\$2,622	CP4E
ATV71H037M3	SPEED DRIVE, 0.5HP, 230V, ATV71	\$678	CP4C
ATV71H075M3	SPEED DRIVE, 1HP, 230V, ATV71	\$717	CP4C
ATV71H075N4	SPEED DRIVE, 1HP, 460V, ATV71	\$873	CP4C
ATV71HC11N4	SPEED DRIVE, 150HP, 460V, ATV71	\$12,652	CP4C
ATV71HC11Y	ALTIVAR 71 DRIVE 125 HP 575/690 VOLT	\$22,056	CP4C
ATV71HC13N4	SPEED DRIVE, 200HP, 460V, ATV71	\$15,170	CP4C
ATV71HC13Y	ALTIVAR 71 DRIVE 150 HP 575/690 VOLT	\$28,554	CP4C
ATV71HC16N4	SPEED DRIVE, 250HP, 460V, ATV71	\$17,138	CP4C
ATV71HC16Y	ALTIVAR 71 DRIVE 175 HP 575/690 VOLT	\$29,148	CP4C
ATV71HC20N4	SPEED DRIVE, 300HP, 460V, ATV71	\$20,084	CP4C
ATV71HC20Y	ALTIVAR 71 DRIVE 200 HP 575/690 VOLT	\$35,319	CP4C
ATV71HC25N4	SPEED DRIVE, 400HP, 460V, ATV71	\$23,646	CP4C
ATV71HC25Y	ALTIVAR 71 DRIVE 250 HP 575/690 VOLT	\$43,859	CP4C
ATV71HC28N4	SPEED DRIVE, 450HP, 460V, ATV71	\$28,062	CP4C
ATV71HC31N4	SPEED DRIVE,500HP 460V ATV71	\$33,506	CP4C
ATV71HC31Y	ALTIVAR 71 DRIVE 350 HP 575/690 VOLT	\$56,100	CP4C
ATV71HC40N4	SPEED DRIVE,600HP,460V,ATV71	\$44,870	CP4C
ATV71HC40Y	ALTIVAR 71 DRIVE 450 HP 575/690 VOLT	\$71,508	CP4C
ATV71HC50N4	SPEED DRIVE,700HP 460V ATV71	\$62,449	CP4C
ATV71HC50Y	ALTIVAR 71 DRIVE 550 HP 575/690 VOLT	\$94,188	CP4C
ATV71HC63Y	ALTIVAR 71 DRIVE 700 HP 575/690 VOLT	\$124,068	CP4C
ATV71HD11M3X	SPEED DRIVE, 15HP, 230V, ATV71	\$2,497	CP4C
ATV71HD11N4	SPEED DRIVE, 15HP, 460V, ATV71	\$2,506	CP4C
ATV71HD11Y	ALTIVAR 71 DRIVE 10 HP 575/690 VOLT	\$5,780	CP4C
ATV71HD15M3X	SPEED DRIVE, 20HP, 230V, ATV71	\$2,850	CP4C
ATV71HD15N4	SPEED DRIVE, 20HP, 460V, ATV71	\$3,059	CP4C
ATV71HD15Y	ALTIVAR 71 DRIVE 15 HP 575/690 VOLT	\$5,780	CP4C
ATV71HD18M3X	SPEED DRIVE, 25HP, 230V, ATV71	\$3,422	CP4C
ATV71HD18N4	SPEED DRIVE, 25HP, 460V, ATV71	\$3,408	CP4C
ATV71HD18Y	ALTIVAR 71 DRIVE 20 HP 575/690 VOLT	\$5,780	CP4C
ATV71HD22M3X	SPEED DRIVE, 30HP, 230V, ATV71	\$4,170	CP4C
ATV71HD22N4	SPEED DRIVE, 30HP, 460V, ATV71	\$3,710	CP4C
ATV71HD22Y	ALTIVAR 71 DRIVE 25 HP 575/690 VOLT	\$5,780	CP4C
ATV71HD30M3X	SPEED DRIVE, 40HP, 230V, ATV71	\$5,348	CP4C
ATV71HD30N4	SPEED DRIVE, 40HP, 460V, ATV71	\$4,566	CP4C
ATV71HD30Y	ALTIVAR 71 DRIVE 30 HP 575/690 VOLT	\$6,999	CP4C
ATV71HD37M3X	SPEED DRIVE, 50HP, 230V, ATV71	\$6,212	CP4C
ATV71HD37N4	SPEED DRIVE, 50HP, 460V, ATV71	\$5,370	CP4C
ATV71HD37Y	ALTIVAR 71 DRIVE 40 HP 575/690 VOLT	\$8,579	CP4C
ATV71HD45M3X	SPEED DRIVE, 60HP, 230V, ATV71	\$7,356	CP4C
ATV71HD45N4	SPEED DRIVE, 60HP, 460V, ATV71	\$6,742	CP4C
ATV71HD45Y	ALTIVAR 71 DRIVE 50 HP 575/690 VOLT	\$10,379	CP4C
ATV71HD55M3X	SPEED DRIVE,75HP,240V,ATV71	\$8,870	CP4C
ATV71HD55N4	SPEED DRIVE, 75HP, 460V, ATV71	\$7,762	CP4C
ATV71HD55Y	ALTIVAR 71 DRIVE 60 HP 575/690 VOLT	\$12,199	CP4C
ATV71HD75M3X	SPEED DRIVE,100HP,240V,ATV71	\$10,658	CP4C
ATV71HD75N4	SPEED DRIVE, 100HP, 460V, ATV71	\$8,862	CP4C

ATV71HD75Y	ALTIVAR 71 DRIVE 75 HP 575/690 VOLT	\$14,399	CP4C
ATV71HD90N4	SPEED DRIVE, 125HP, 460V, ATV71	\$10,716	CP4C
ATV71HD90Y	ALTIVAR 71 DRIVE 100 HP 575/690 VOLT	\$16,899	CP4C
ATV71HU15M3	SPEED DRIVE, 2HP, 230V, ATV71	\$752	CP4C
ATV71HU15N4	SPEED DRIVE, 2HP, 460V, ATV71	\$1,003	CP4C
ATV71HU15S6X	2HP 600V SIZE 5A w/Kypd	\$2,078	CP4C
ATV71HU22M3	SPEED DRIVE, 3HP, 230V, ATV71	\$876	CP4C
ATV71HU22N4	SPEED DRIVE, 3HP, 460V, ATV71	\$1,221	CP4C
ATV71HU22S6X	3HP 600V SIZE 5A w/Kypd	\$2,189	CP4C
ATV71HU22Y	ALTIVAR 71 DRIVE 2 HP 575/690 VOLT	\$5,780	CP4C
ATV71HU30M3	SPEED DRIVE, 4HP, 230V, ATV71	\$1,082	CP4C
ATV71HU30N4	SPEED DRIVE, 4HP, 460V, ATV71	\$1,375	CP4C
ATV71HU30S6X	ALTIVAR 71 DRIVE 4HP600V Frame 5A	\$2,393	CP4C
ATV71HU30Y	ALTIVAR 71 DRIVE 3 HP 575/690 VOLT	\$5,780	CP4C
ATV71HU40M3	SPEED DRIVE, 5HP, 230V, ATV71	\$1,265	CP4C
ATV71HU40N4	SPEED DRIVE, 5HP, 460V, ATV71	\$1,448	CP4C
ATV71HU40S6X	5HP 600V SIZE 5A w/Kypd	\$2,618	CP4C
ATV71HU40Y	ALTIVAR 71 DRIVE 4 HP 575/690 VOLT	\$5,780	CP4C
ATV71HU55M3	SPEED DRIVE, 7.5HP, 230V, ATV71	\$1,604	CP4C
ATV71HU55N4	SPEED DRIVE, 7.5HP, 460V, ATV71	\$1,742	CP4C
ATV71HU55S6X	7.5HP 600V SIZE 5A w/Kypd	\$3,079	CP4C
ATV71HU55Y	ALTIVAR 71 DRIVE 5 HP 575/690 VOLT	\$5,780	CP4C
ATV71HU75M3	SPEED DRIVE, 10HP, 230V, ATV71	\$1,969	CP4C
ATV71HU75N4	SPEED DRIVE, 10HP, 460V, ATV71	\$2,116	CP4C
ATV71HU75S6X	10HP 600V SIZE 5A w/Kypd	\$3,718	CP4C
ATV71HU75Y	ALTIVAR 71 DRIVE 7.5 HP 575/690 VOLT	\$5,780	CP4C
ATV930C11N4C	SPEEDDRIVE,IP00,150HP,400v/480vw/obc	\$13,019	CP4E
ATV930C13N4C	SPEEDDRIVE,IP00,200HP,400v/480vw/obc	\$15,504	CP4E
ATV930C16N4C	SPEEDDRIVE,IP00,250HP,400v/480vw/obc	\$17,468	CP4E
ATV930C25N4C	SPEEDDRIVE,TYPE1,400HP,400V/480V,W/O-BC	\$24,820	CP4E
ATV930C31N4C	SPEEDDRIVE,TYPE1,500HP,400V/480V,W/O-BC	\$35,750	CP4E
ATV930D11M3	SPEEDDRIVE,TYPE1,15HP200v/240vwithbc	\$2,630	CP4E
ATV930D11N4	SPEEDDRIVE,TYPE1,15HP400v/480vwithbc	\$2,576	CP4E
ATV930D15M3	SPEEDDRIVE,TYPE1,20HP200v/240vwithbc	\$3,217	CP4E
ATV930D15N4	SPEEDDRIVE,TYPE1,20HP400v/480vwithbc	\$3,117	CP4E
ATV930D18M3	SPEEDDRIVE,TYPE1,25HP200v/240vwithbc	\$3,756	CP4E
ATV930D18N4	SPEEDDRIVE,TYPE1,25HP400v/480vwithbc	\$3,558	CP4E
ATV930D22M3	SPEEDDRIVE,TYPE1,30HP200v/240vwithbc	\$4,603	CP4E
ATV930D22N4	SPEEDDRIVE,TYPE1,30HP400v/480vwithbc	\$3,973	CP4E
ATV930D30M3	SPEEDDRIVE,TYPE1,40HP200v/240vwithbc	\$5,688	CP4E
ATV930D30M3C	SPEEDDRIVE,TYPE1,40HP200v/240vw/obc	\$5,588	CP4E
ATV930D30N4	SPEEDDRIVE,TYPE1,40HP400v/480vwithbc	\$4,811	CP4E
ATV930D37M3	SPEEDDRIVE,TYPE1,50HP200v/240vwithbc	\$6,584	CP4E
ATV930D37M3C	SPEEDDRIVE,TYPE1,50HP200v/240vw/obc	\$6,484	CP4E
ATV930D37N4	SPEEDDRIVE,TYPE1,50HP400v/480vwithbc	\$5,692	CP4E
ATV930D45M3	SPEEDDRIVE,TYPE1,60HP200v/240vwithbc	\$7,729	CP4E
ATV930D45M3C	SPEEDDRIVE,TYPE1,60HP200v/240vw/obc	\$7,629	CP4E
ATV930D45N4	SPEEDDRIVE,TYPE1,60HP400v/480vwithbc	\$6,962	CP4E
ATV930D55M3C	SPEEDDRIVE,IP00,75HP200v/240vw/obc	\$9,049	CP4E

ATV930D55N4	SPEEDDRIVE,TYPE1,75HP400v/480vwithbc	\$7,973	CP4E
ATV930D55N4C	SPEEDDRIVE,TYPE1,75HP400v/480vw/obc	\$7,873	CP4E
ATV930D75M3C	SPEEDDRIVE,IP00,100HP200v/240vw/obc	\$11,162	CP4E
ATV930D75N4	SPEEDDRIVE,TYPE1, 100HP400V/480Vwith bc	\$9,146	CP4E
ATV930D75N4C	SPEEDDRIVE,TYPE1,100HP400v/480vw/obc	\$9,046	CP4E
ATV930D90N4	SPEEDDRIVE,TYPE1,125HP400v/480vwithbc	\$11,011	CP4E
ATV930D90N4C	SPEEDDRIVE,TYPE1,125HP400v/480vw/obc	\$11,001	CP4E
ATV930U07M3	SPEEDDRIVE,TYPE1,1HP200v/240vwithbc	\$1,106	CP4E
ATV930U07N4	SPEEDDRIVE,Type1,1HP,400v/480vwithbc	\$1,246	CP4E
ATV930U15M3	SPEEDDRIVE,TYPE1,2HP200v/240vwithbc	\$1,129	CP4E
ATV930U15N4	SPEEDDRIVE,TYPE1,2HP,400v/480vwithbc	\$1,390	CP4E
ATV930U22M3	SPEEDDRIVE,TYPE1,3HP200v/240vwithbc	\$1,237	CP4E
ATV930U22N4	SPEEDDRIVE,TYPE1,3HP,400v/480vwithbc	\$1,514	CP4E
ATV930U30M3	SPEEDDRIVE,TYPE1,4HP200v/240vwithbc	\$1,396	CP4E
ATV930U30N4	SPEEDDRIVE,TYPE1,4HP400v/480vwithbc	\$1,556	CP4E
ATV930U40M3	SPEEDDRIVE,TYPE1,5HP200v/240vwithbc	\$1,546	CP4E
ATV930U40N4	SPEEDDRIVE,TYPE1,5HP400v/480vwithbc	\$1,627	CP4E
ATV930U55M3	SPEEDDRIVE,TYPE1,7.5HP200v/240vwithbc	\$1,828	CP4E
ATV930U55N4	SPEEDDRIVE,TYPE1,7.5HP400v/480vwithbc	\$1,861	CP4E
ATV930U75M3	SPEEDDRIVE,TYPE1,10HP200v/240vwithbc	\$2,195	CP4E
ATV930U75N4	SPEEDDRIVE,TYPE1,10HP400v/480vwithbc	\$2,171	CP4E
ATVPOT25K	POTENTIOMETER	\$100	CP4C
GV2AF4	MANUAL STARTER COMBO BLOCK 600VAC 38A	\$3	I11
KLCUL110A2	OUTPUT FILTER 110A FOR 75HP DRIVE 480V ENCL	\$3,005	CP4C
KLCUL12A1	DRIVE OUTPUT FILTER 12A 7.5HP 480V ENCL	\$1,224	CP4C
KLCUL130A2	OUTPUT FILTER 130A FOR 100HP DRIVE 480V ENCL	\$3,368	CP4C
KLCUL160A2	OUTPUT FILTER 160A FOR 125HP DRIVE 480V ENCL	\$3,617	CP4C
KLCUL16A1	DRIVE OUTPUT FILTER 16A 10HP 480V ENCL	\$1,249	CP4C
KLCUL200A3	OUTPUT FILTER 200A FOR 150HP DRIVE 480V ENCL	\$3,766	CP4C
KLCUL250A3	OUTPUT FILTER 250A FOR 200HP DRIVE 480V ENCL	\$3,841	CP4C
KLCUL25A1	DRIVE OUTPUT FILTER 25A 15HP 480V ENCL	\$1,355	CP4C
KLCUL300A3	OUTPUT FILTER 300A FOR 250HP DRIVE 480V ENCL	\$3,863	CP4C
KLCUL35A1	OUTPUT FILTER 35A FOR 20-25HP DRIVE 480V ENCL	\$1,485	CP4C
KLCUL360A3	OUTPUT FILTER 360A FOR 300HP DRIVE 480V ENCL	\$4,300	CP4C
KLCUL420A3	OUTPUT FILTER 420A FOR 350HP DRIVE 480V ENCL	\$4,659	CP4C
KLCUL45A1	OUTPUT FLTR 45A FOR 30HP DRIVE 480V ENCL	\$1,535	CP4C
KLCUL480A3	OUTPUT FILTER 480A FOR 400HP DRIVE 480V ENCL	\$5,221	CP4C
KLCUL4A1	DRIVE OUTPUT FILTER 4A 1-2HP 480V ENCL	\$1,126	CP4C
KLCUL55A1	OUTPUT FLTR 55A FOR 40HP DRIVE 480V ENCL	\$1,672	CP4C
KLCUL600A3	OUTPUT FILTER 600A ENCL 480V	\$23,002	CP4C
KLCUL6A1	OUTPUT FILTER 6A FOR 3HP DRIVE 480V ENCL	\$1,148	CP4C
KLCUL80A2	DRIVE OUTPUT FILTER 80A 50-60HP 480V ENC	\$2,178	CP4C
KLCUL8A1	OUTPUT FILTER 8A FOR 5HP DRIVE 480V ENCL	\$1,171	CP4C
LA9F702	CONTACTOR SHROUD IEC	\$61	I12
LA9F703	CONTACTOR SHROUD IEC	\$82	I12
LU9AD7	PROFIBUS CONNECTOR	\$60	I11
LU9GC3	MODBUS HUB	\$312	I11
LUFP1	FIPIO/MODBUS GATEWAY	\$1,490	I11
LUFP9	DEVICENET/MODBUS GATEWAY	\$1,490	I11

NSYCAF223	STANDARD SPARE FILTER F165	\$9	ES1
NSYCAF291	STANDARD SPARE FILTER F560	\$12	ES1
NSYPTDS1	FLANGE MOUNT KIT ATV600/900 FS1	\$279	CP4E
NSYPTDS2	FLANGE MOUNT KIT ATV600/900 FS2	\$325	CP4E
NSYPTDS3	FLANGE MOUNT KIT ATV600/900 FS3	\$438	CP4E
NSYPTDS4	FLANGE MOUNT KIT ATV600/900 FS4	\$477	CP4E
NSYPTDS5	FLANGE MOUNT KIT ATV600/900 FS5	\$667	CP4E
RL00202	REACTOR DRIVE LINE 3PH	\$169	CP4C
RL00212	REACTOR DRIVE LINE 3PH 1HP 5% 460V T-1	\$310	CP4C
RL00402	REACTOR DRIVE LINE 3PH 1Hp 208/230V Open	\$168	CP4C
RL00403	REACTOR DRIVE LINE 3PH	\$174	CP4C
RL00412	REACTOR DRIVE LINE 3PH 1HP 208/230V T-1	\$308	CP4C
RL00413	REACTOR DRIVE LINE 3PH 2-3HP 5% TYPE 1	\$315	CP4C
RL00802	REACTOR DRIVE LINE 3PH 1.5-2HP 208/230V OPEN	\$192	CP4C
RL00803	REACTOR DRIVE LINE 3PH	\$262	CP4C
RL00812	REACTOR DRIVE LINE 3PH 1.5-2HP 208/230V T-1	\$332	CP4C
RL00813	REACTOR DRIVE LINE 3PH 5HP 5% TYPE 1	\$405	CP4C
RL01202	REACTOR DRIVE LINE 3PH	\$214	CP4C
RL01203	REACTOR DRIVE LINE 3PH	\$308	CP4C
RL01212	REACTOR DRIVE LINE 3PH 3HP 208/230V T-1	\$356	CP4C
RL01213	REACTOR DRIVE LINE 3PH 7.5HP 5% TYPE 1	\$455	CP4C
RL01802	REACTOR DRIVE LINE 3PH 5Hp 208/230V Open	\$270	CP4C
RL01803	REACTOR DRIVE LINE 3PH	\$357	CP4C
RL01812	REACTOR DRIVE LINE 3PH 5HP 208/230V T-1	\$416	CP4C
RL01813	REACTOR DRIVE LINE 3PH 10HP 5% 460V T-1	\$590	CP4C
RL02502	REACTOR DRIVE LINE 3PH 7.5HP 208/230V OPEN	\$311	CP4C
RL02503	REACTOR DRIVE LINE 3PH	\$368	CP4C
RL02512	REACTOR DRV LINE 3PH 7.5HP 208/230V T-1	\$542	CP4C
RL02513	REACTOR DRIVE LINE 3PH 15HP 5% 460V T-1	\$602	CP4C
RL03502	REACTOR DRIVE LINE 3PH 10HP 208/230V OP	\$327	CP4C
RL03503	REACTOR DRIVE LINE 3PH	\$487	CP4C
RL03512	REACTOR DRIVE LINE 3PH 10HP 208/230V T-1	\$559	CP4C
RL03513	REACTOR DRIVE LINE 3PH 20-25HP 5% 460V	\$727	CP4C
RL04502	REACTOR DRV LINE 3PH 15HP 208/230V OPEN	\$431	CP4C
RL04503	REACTOR DRIVE LINE 3PH	\$571	CP4C
RL04512	REACTOR DRIVE LINE 3PH 15HP 208/230V T-1	\$669	CP4C
RL04513	REACTOR DRIVE LINE 3PH 30HP 5% 460V T-1	\$816	CP4C
RL05502	REACTOR DRV LINE 3PH 20HP 208/230V OPEN	\$455	CP4C
RL05503	REACTOR DRIVE LINE 3PH 40HP 5%	\$578	CP4C
RL05512	REACTOR DRIVE LINE 3PH 20HP 208/230V T-1	\$693	CP4C
RL05513	REACTOR DRIVE LINE 3PH 40HP 5% 460V T-1	\$822	CP4C
RL08002	3-PHASE LINE REACTOR 25HP 208/230V OPEN	\$534	CP4C
RL08003	REACTOR DRIVE LINE 3PH	\$939	CP4C
RL08012	REACTOR DRIVE LINE 3PH 25HP 208/230V T-1	\$776	CP4C
RL08013	REACTOR DRIVE LINE 3PH 50-60HP 5% 460V	\$1,200	CP4C
RL10002	REACTOR DRV LINE 3PH 30HP 208/230V OPEN	\$746	CP4C
RL10003	REACTOR DRIVE LINE 3PH 75 HP 5%	\$1,096	CP4C
RL10012	REACTOR DRIVE LINE 3PH 30HP 208/230V T-1	\$999	CP4C
RL10013	REACTOR DRIVE LINE 3PH 75HP 5% 460V T-1	\$1,366	CP4C

RL13002	REACTOR DRV LINE 3PH 40HP 208/230V OPEN	\$848	CP4C
RL13003	REACTOR DRIVE LINE 3PH 100HP 5%	\$1,120	CP4C
RL13012	REACTOR DRIVE LINE 3PH 40HP 208/230V T-1	\$1,106	CP4C
RL13013	REACTOR DRIVE LINE 3PH 100HP 5% 460V T-1	\$1,392	CP4C
RL16002	REACTOR DRV LINE 3PH 50HP 208/230V OPEN	\$1,048	CP4C
RL16003	REACTOR DRIVE LINE 3PH 125HP 5%	\$1,260	CP4C
RL16012	REACTOR DRIVE LINE 3PH 50HP 208/230V T-1	\$1,317	CP4C
RL16013	REACTOR DRIVE LINE 3PH 125HP 5% 460V T-1	\$1,539	CP4C
RL20003	REACTOR DRIVE LINE 3PH 150HP 5%	\$1,539	CP4C
RL20013	REACTOR DRIVE LINE 3PH 150HP 5% 460V T-1	\$1,831	CP4C
RL25003	REACTOR DRIVE LINE 3PH 200HP 5%	\$2,727	CP4C
RL25013	REACTOR DRIVE LINE 3PH 200HP 5% 460V T-1	\$3,447	CP4C
RL32003	REACTOR DRIVE LINE 3PH 250HP 5%	\$2,915	CP4C
RL32013	REACTOR DRIVE LINE 3PH 250Hp 460V Type 1	\$3,646	CP4C
RL40003	REACTOR DRIVE LINE 3PH 300HP 5%	\$3,576	CP4C
RL40013	REACTOR DRIVE LINE 3PH 300Hp 460V Type 1	\$4,338	CP4C
RL50003	MTE REACTOR OPEN STYLE 350-400HP 5%	\$4,150	CP4C
RL50013	REACTOR LINE 350-400Hp 460V Type 1	\$5,761	CP4C
RL60003	MTE REACTOR 450-500HP 5%	\$5,740	CP4C
RL60013	MTE NEMA 1 REACTOR	\$7,431	CP4C
SFD212CG2YB07D07	SFLEX1HP 208V line contactor,LCD keypad	\$1,538	CP4D
SFD212DG2YB07D07	SFLEX 2HP 208V line contactor,LCD keypad	\$1,654	CP4D
SFD212QG4YB07D07	SFLEX 60HP 480V line contactor,LCD keypa	\$7,238	CP4D
SFD212HG2YB07D07	SFLEX 10HP 208V line contactor,LCD keypa	\$2,555	CP4D
SFD212SG4YB07D07	SFLEX 100HP 480V line contactor,LCD keyp	\$10,268	CP4D
SFD212EG2YB07D07	SFLEX 3HP 208V line contactor,LCD keypad	\$1,947	CP4D
SFD212MG4YB07D07	SFLEX 30HP 480V line contactor,LCD keypa	\$4,168	CP4D
SFD212PG4YB07D07	SFLEX 50HP 480V line contactor,LCD keypa	\$5,930	CP4D
SFD212NG4YB07D07	SFLEX40HP 480V line contactor,LCD keypad	\$4,803	CP4D
SFD212JG4YB07D07	SFLEX 15HP 480V line contactor,LCD keypa	\$2,561	CP4D
SFD212GG4YB07D07	SFLEX 7.5HP 480V line contactor,LCD keyp	\$2,007	CP4D
SFD212KG4YB07D07	SFLEX 20HP 480V line contactor,LCD keypa	\$3,129	CP4D
SFD212FG2YB07D07	SFLEX 5HP 208V line contactor,LCD keypad	\$2,105	CP4D
SFD212FG4YB07D07	SFLEX 5HP 480V line contactor,LCD keypad	\$1,935	CP4D
SFD212HG4YB07D07	SFLEX 10HP480V line contactor,LCD keypad	\$2,215	CP4D
SFD212LG4YB07D07	SFLEX 25HP480V line contactor,LCD keypad	\$3,674	CP4D
SFD212GG2YB07D07	SFLEX 7.5HP 208V line contactor,LCD keyp	\$2,331	CP4D
SFD212EG4YB07D07	SFLEX3HP 480V line contactor,LCD keypad	\$1,825	CP4D
SFD212DG4YB07D07	SFLEX 2HP 480V line contactor,LCD keypad	\$1,693	CP4D
SFD212CG4YB07D07	SFLEX 1HP 480V line contactor,LCD keypad	\$1,625	CP4D
SFD212LG2YB07D07	SFLEX 25HP 208V line contactor,LCD keypa	\$4,302	CP4D
SFD212KG2YB07D07	SFLEX 20HP 208V line contactor,LCD keypa	\$3,509	CP4D
SFD212JG2YB07D07	SFLEX 15HP 208V line contactor,LCD keypa	\$2,915	CP4D
SFD212RG4YB07D07	SFLEX 75HP 480V line contactor,LCD keypa	\$8,562	CP4D
SFD212NG2YB07D07	SFLEX40HP 208V line contactor,LCD keypad	\$6,559	CP4D
SFD212MG2YB07D07	SFLEX 30HP 208V line contactor,LCD keypa	\$5,757	CP4D
TCSCAR013M120	CANopen end of line terminator RJ45 conn	\$20	CP4C
TCSCAR01NM120	RESISTOR TERMINATION	\$10	CP4C
TCSCTN023F13M03	RJ45 DIASYCHAIN TAP W 0.3M DROP CABLE	\$131	PC51

TCSCN026M16M	CANOpen connector	\$149	CP4C
TCSEGB13FA0	Wi-Fi module	\$175	CP4E
TCSMCNAM3M002P	USB to RS485 cordset (RJ45 plug)	\$52	CP4C
TCSWAAC13FB	UNIVERSAL BLUETOOTH INTERFACE	\$180	PC41
TCSXCNAMUM3P	USB PROGRAMMING CABLE, 3M	\$203	PC12
TSXCANCA100	CANOPEN STANDARD CABLE LSZH 100M	\$701	PC12
TSXCANCA300	CANOPEN STANDARD CABLE LSZH 300M	\$1,985	PC12
TSXCANCA50	CANOPEN STANDARD CABLE LSZH 50M	\$168	PC12
TSXCANCADD03	CANOPEN PRE-ASSEMBLED DROP LSZH 0,3M	\$78	PC12
TSXCANCADD1	CANOPEN PRE-ASSEMBLED DROP LSZH 1M	\$83	PC12
TSXCANCB100	CANOPEN CABLE UL/IEC332-2 100M	\$149	PC22
TSXCANCB300	CANOPEN CABLE UL/IEC332-2 300M	\$800	PC22
TSXCANCB50	CANOPEN CABLE UL/IEC332-2 50M	\$149	PC22
TSXCANCBDD3	CANOPEN PRE-ASS DROP UL/IEC332-2 3M	\$68	PC22
TSXCANCBDD5	CANOPEN PRE-ASS DROP UL/IEC332-2 5M	\$78	PC22
TSXCANCD100	100M CANOPEN CABLE	\$608	PC22
TSXCANCD300	300M CANOPEN CABLE	\$1,642	PC22
TSXCANCD50	CANOPEN CABLE FLEXIBLE LSZH HD 50M	\$177	PC22
TSXCANKCDF180T	CANOPEN SUBD FEMALE CONNECTOR 180	\$78	PC22
TSXCANTDM4	CANOPEN 4 DSUB PORTS TAP	\$158	PC22
TSXETG100	MODBUS ETHERNET GATEWAY	\$1,191	PC41
TSXPBSCA100	PROFIBUS DP CABLE. 100M	\$1,239	PC22
TSXPBSCA400	PROFIBUS DP CABLE. 400M	\$4,485	PC22
VW3A1006	ATV12 remote keypad, IP54	\$56	CP4B
VW3A1007	ATV12 remote keypad, IP65	\$56	CP4B
VW3A1101	LCD GRAPHIC KEYPAD IP54 RATING ATV71	\$115	CP4C
VW3A1102	REMOTE MOUNTING KIT FOR LCD KEYPAD:ATV61/71	\$55	CP4C
VW3A1103	DOOR USED W/REMOTE MOUNT KIT FOR IP65 RATING	\$45	CP4C
VW3A1104R10	RJ45-RJ45 CBL FOR REMOTE LCD KYPD 1 MET	\$35	CP4C
VW3A1104R100	RJ45-RJ45 CBL FOR REMOTE LCD KYPD 10 ME	\$45	CP4C
VW3A1104R30	RJ45-RJ45 CBL FOR REMOTE LCD KYPD 3 MET	\$35	CP4C
VW3A1104R50	RJ45-RJ45 CBL FOR REMOTE LCD KYPD 5 MET	\$35	CP4C
VW3A1105	RJ45 FEMALE TO FEMALE ADAPTER FOR GRAPHIC TERM	\$35	CP4C
VW3A1111	Graphic keypad	\$175	CP4E
VW3A1112	Door Mounting kit Graphic keypad Type 12	\$80	CP4E
VW3A21212	LonWorks option card for ATV212 SPEEDDRIVE	\$375	CP4D
VW3A3101	115 VAC LOGIC INPUT ADAPTER FOR ATV61/71	\$195	CP4C
VW3A31201	ATV 312 Replacement Control I/O Card	\$95	CP4B
VW3A31207	ATV312 PROFIBUS OPTION CARD	\$185	CP4B
VW3A31208	ATV312 CANOPEN OPTION CARD	\$185	CP4B
VW3A31209	ATV312 DEVICENET OPTION CARD	\$185	CP4B
VW3A31811	NEMA UL type 1 kit Size 1, 2	\$45	CP4B
VW3A31812	NEMA UL type 1 kit Size 3, 4	\$45	CP4B
VW3A31813	NEMA UL type 1 kit Size 5	\$45	CP4B
VW3A31814	NEMA UL type 1 kit Size 6	\$45	CP4B
VW3A31815	NEMA UL type 1 kit Size 7	\$45	CP4B
VW3A31816	NEMA UL type 1 kit Size 8	\$45	CP4B
VW3A31817	NEMA UL type 1 kit Size 9	\$45	CP4B
VW3A31852	DIN rail kit Sizes 5 & 6	\$25	CP4B

VW3A3201	BASIC I/O OPTION CARD ATV71	\$165	CP4C
VW3A3202	EXTENDED I/O OPTION CARD TV71	\$195	CP4C
VW3A3203	Digital and Analog I/O extension module	\$165	CP4E
VW3A3204	Output Relays extension module	\$195	CP4E
VW3A3303	MODBUS UNITELE CARD	\$225	CP4C
VW3A3304	INTERBUS S CARD	\$550	CP4C
VW3A3307	PROFIBUS DP OPTION CARD ATV71	\$550	CP4C
VW3A3307S371	PROFIBUS DPV1 OPTION CARD ATV61&71	\$550	CP4C
VW3A3309	DEVICE NET OPTION CARD: ATV71	\$225	CP4C
VW3A3310D	MODBUS TCP/IP DAISY CHAIN	\$275	CP4C
VW3A3316	ATV61/71 EtherNet/IP Card	\$275	CP4C
VW3A3401	ENCODER OPTION CARD RS422 5 VDC ATV71	\$85	CP4C
VW3A3402	ENCODER CARD RS422 15 VDC out ONLY 5 VDC IN	\$85	CP4C
VW3A3403	ENCODER CARD OPEN COLLECTOR 12 VDC A	\$85	CP4C
VW3A3404	ENCODER CARD OPEN COLLECTOR 15 VDC A	\$85	CP4C
VW3A3405	ENCODER CARD PUSH-PULL 12 VDC ATV71	\$85	CP4C
VW3A3406	ENCODER CARD; PUSH-PULL; 15 VDC; ATV71	\$85	CP4C
VW3A3407	ENCODER CARD PUSH-PULL 24 VDC ATV71	\$85	CP4C
VW3A3408	Resolver Card	\$85	CP4C
VW3A3409	UNIVERSAL ENCODER CARD	\$320	CP4C
VW3A3411	INCREMENTAL ENCODER WITH RS422 OUT AND E	\$85	CP4C
VW3A3420	Encoder interface module digital 5/12v	\$85	CP4E
VW3A3422	Analog Interface Encoder Module for ATV900	\$335	CP4E
VW3A3423	RESOLVER INTERFACE MODULE ELECTRONIC CARD	\$105	CP4E
VW3A3521	ATV IMC DRIVE CONTROLLER	\$655	CP4C
VW3A3601	ETHERCAT MODULE FOR LEXIUM-32 DRIVE	\$300	PC51
VW3A3607	Profibus DP V1 Option Module	\$281	PC51
VW3A3608	CAN 2 * RJ45 Option Module	\$130	PC51
VW3A3609	DEVICE NET OPTION 5 POS SCREW CONNECTOR	\$185	CP4B
VW3A3616	Ethernet IP Option Module	\$250	PC51
VW3A3618	CAN SUB-D9 Option Module	\$149	PC51
VW3A3627	Profinet com card for ATV32	\$300	CP4B
VW3A3628	CAN OPEN OPTION 5 POS SCREW CONNECTOR	\$130	CP4B
VW3A3720	ATV630 COMMS MODULE ETHERNET IP	\$275	CP4E
VW3A8106	ATV PC SOFTWARE CABLE KIT	\$75	CP4C
VW3A8115	PC USB BlueTooth Adapter	\$110	CP4B
VW3A8120	ATV31,61 and 71 Simple Loader	\$175	CP4C
VW3A8121	MULTI-LOADER	\$350	CP4B
VW3A8126	Multi-Loader Cord Set	\$30	CP4C
VW3A8151R20U	30-Pin Mobile to RS-485 Converter, 2 Meters	\$106	CP4C
VW3A8306	ATS48 CABLE-TSX SCA62	\$24	CP1G
VW3A83062	UNITELEWAY MODBUS CABLE WORLD SERVICE PART	\$27	CP10
VW3A8306R	OSITRACK - MODBUS R TERM. RJ45	\$3	DS2
VW3A8306R03	RJ45-RJ45 CABLE 1/3 METER	\$20	CP1G
VW3A8306R10	RJ45-RJ45 CABLE 1 METER	\$25	CP1G
VW3A8306R30	RJ45-RJ45 CABLE 3 METER	\$30	CP1G
VW3A8306RC	MODBUS END ADAPTORFOR RJ45 PLUG 120 OHM	\$6	CP1G
VW3A8306TF03	RJ45 T-CABLE 1/3 METER	\$75	CP1G
VW3A8306TF10	RJ45 T-CABLE 1 METER	\$85	CP1G

VW3A9201	TYPE1KIT:ATV6171H037M3HU15M3H075N4HU22N4	\$45	CP4C
VW3A9202	TYPE1KIT:ATV6171HU22M3HU40M3HU30N4HU40N4	\$45	CP4C
VW3A9203	T-1 KIT: ATV6171 HU55M3 HU55N4 HU75N4	\$45	CP4C
VW3A9204	Type 1 Kit: ATV6171HU75M3, HD11N4	\$45	CP4C
VW3A9205	TYPE1KIT:ATV6171HD11M3HD15M3HD15N4HD18N4	\$45	CP4C
VW3A9206	T-1 KIT: ATV6171HD18M3 HD22M3 HD22N4	\$65	CP4C
VW3A9207	Type 1 Kit: ATV6171HD30N4, D37N4	\$65	CP4C
VW3A9208	Type 1 Kit: ATV6171HD45N4 - D75N4	\$135	CP4C
VW3A9209	Type 1 Kit: ATV6171HD55M3, HD90N4	\$460	CP4C
VW3A9210	Type 1 Kit: ATV6171HD75M3, HC11N4	\$553	CP4C
VW3A9211	Type 1 Kit: ATV6171HC13N4	\$573	CP4C
VW3A9212	Type 1 Kit: ATV61/ 71 HC16N4	\$588	CP4C
VW3A9213	Type 1 Kit: ATV6171HC20N4 - HC28N4	\$604	CP4C
VW3A9214	T-1KIT:ATV6171HC20N4-HC31n4	\$604	CP4C
VW3A9217	Type 1 Kit: ATV61/71HD30M3 - D45M3	\$65	CP4C
VW3A9404	FAN KIT:ATV61/71 HD22N4,HD18M3,HD22M3	\$135	CP4C
VW3A9405	FAN KIT:ATV61/71 HD30N4...HD37N4	\$145	CP4C
VW3A9406	FAN KIT:HD30M3X.HD45M3X,ATV71HD22N4.HD37N4	\$165	CP4C
VW3A9407	FAN KIT: ATV61/71 HD45N4...HD75N4	\$195	CP4C
VW3A9501	FLANGE KT ATV61-71:H037M3-HU15M3:H075N4-HU22N4	\$255	CP4C
VW3A9502	FLANGE KT ATV61-71:HU22M3-HU40M3:HU30N4-HU40N4	\$279	CP4C
VW3A9503	FLANGE KIT ATV61-71:HU55M3:HU55N4,HU75N4	\$325	CP4C
VW3A9504	Flange kit ATV61-71:HU75M3; HD11N4	\$358	CP4C
VW3A9505	FLANGE KT ATV61-71:HD11M3,HD15M3,HD15N4,HD18N4	\$419	CP4C
VW3A9506	FLANGE KT ATV61-71:HD18M3 HD22M3; HD22N4	\$438	CP4C
VW3A9507	Flange kt ATV61-71:HD30N4, HD37N4	\$469	CP4C
VW3A9508	Flange kt ATV61-71:HD30M3 to HD45M3	\$469	CP4C
VW3A9509	Flange kt ATV61-71:ATV71HD45N4 to HD75N4	\$477	CP4C
VW3A9510	Flange KtATV61/ATV71	\$500	CP4C
VW3A9511	Flange KtATV61/ATV71	\$667	CP4C
VW3A9512	Flange KtATV61/ATV71	\$1,053	CP4C
VW3A9513	Flange KtATV61/ATV71	\$1,053	CP4C
VW3A9514	Flange KtATV61/ATV71	\$1,053	CP4C
VW3A95811	NEMA UL Type 1 Kit Size 1 Compact	\$45	CP4B
VW3A95812	NEMA UL Type 1 Kit Size 2 Compact	\$45	CP4B
VW3A95814	NEMA UL Type 1 Kit Size 3 Compact	\$45	CP4B
VW3A95817	NEMA UL Type 1 Kit Size 4 Book	\$45	CP4B
VW3A95819	NEMA UL Type 1 Kit Size 5 Book	\$45	CP4B
VW3A9704	CONDUIT BOX SIZE6 ULTYPE 1	\$553	CP4E
VW3A9804	ATV12/312 DIN RAIL Mounting Plates size1	\$64	CP4B
VW3A9805	ATV12/312 DIN RAIL Mounting Plates Sz2	\$72	CP4B
VW3A9920	ADAPTOR TO MOUNT ATV32 CONTROL MODULE 900	\$45	CP4B
VW3A9921	Bracket for mounting GV2 manual protector on a	\$5	CP4B
VW3CANA71	CANOPEN ADAPTOR FOR ATV 61-71:RJ45-DB9	\$45	CP4C
VW3CANCARR03	CANopen cable 0.3 m	\$25	CP4B
VW3CANCARR1	CANopen cable 1 m	\$25	CP4B
VW3CANKCDF180T	CANOPEN CABLE CONNECTOR	\$45	CP4C
VW3CANTAP2	CANopen adapter junction box	\$150	CP4B
VW3G22101	IP54 Nema 12 remote keypad	\$65	CP1G

VW3G22102	IP65 remote keypad	\$65	CP1G
VW3G22400	Fan ATS22D17S6thru D47S6, 220V	\$65	CP1G
VW3G22401	Fan ATS22D62S6thru D88S6, 220V	\$65	CP1G
VW3G22402	Fan ATS22C11S6 thru C17S6, 220V	\$75	CP1G
VW3G22U400	Fan ATS22D17S6U thru D47S6U, 110V	\$65	CP1G
VW3G22U401	Fan ATS22D62S6thru D88S6, 110V	\$65	CP1G
VW3G22U402	Fan ATS22C11S6 thru C17S6, 110V	\$75	CP1G
VW3G4104	Power Interconnect, ATS01 to U -Line	\$15	I11
VW3G48101	REMOTE MOUNT KEYPAD (ATS48)	\$165	CP1G
VW3M2207	DC Bus Connector kit	\$91	PC51
VW3M4701	Master enc cable 15way male to flying leads 1m	\$83	PC51
VW3M7101R01	LXM 32 DC bus connection 0.1 m 5	\$83	PC51
VW3M7102R150	LEXIUM-32 DC BUS CABLE 15M	\$470	PC51
VX4A221220V	Altistart 22 CONTROL BLOCK 220V (Q & S6)	\$295	CP1G
VX5VPM001	Power electronic fan kit/DC48V	\$203	CP4E
VX5VPS3001	Fan Kit ATV630 Size 3	\$165	CP4E
VX5VPS4001	Fan Kit ATV630 Size 4	\$195	CP4E
VX5VPS5001	Fan Kit ATV630 Size 5	\$215	CP4E
VZ3V3101	ATV312 FAN KIT SIZE 5-6	\$44	CP4B
VZ3V3102	ATV312 FAN KIT SIZE 7	\$44	CP4B
VZ3V3103	ATV312 FAN KIT SIZE 8	\$61	CP4B
VZ3V3104	ATV312 FAN KIT SIZE 9	\$61	CP4B
ZB5AZ905	KEY FOR TIGHTENING FIXING NUT	\$12	CS2

Terms and Conditions

[Terms and Conditions](#)

Click the link above to access the Schneider Electric Terms and conditions of sale

NOTE: The following Conditions of Sale are subject to change. All transactions for all products sold by Schneider Electric USA ("Schneider Electric") including all Schneider Electric brand products, such as Square D™ and Telemecanique™ brand products, are subject to the latest published Conditions of Sale of Schneider Electric and to any Special Conditions of Sale which may be contained in applicable Schneider Electric quotations and acknowledgments. 1. GOVERNING PROVISIONS AND ACCEPTANCE: All quotations are subject to these conditions of sale. Acceptance of an order by Schneider Electric shall be expressly conditioned on Purchaser's assent to these conditions. Purchaser's direction to proceed with engineering, manufacture or shipment by Schneider Electric shall be deemed evidence of this assent. No modified or other conditions will be applicable unless those conditions are so stated in Schneider Electric's proposal or are specifically agreed to in writing and signed by an authorized official of Schneider Electric. Failure to object to provisions contained in any Purchase Order or other communication from the Purchaser (including, without limitation, penalty clauses of any kind) shall not be construed as a waiver of these Conditions nor an acceptance of any other provisions. These terms are a complete statement of the parties' agreement and may only be modified in writing signed by both parties. These terms may not be modified by course of dealing, course of performance or usage of trade. These terms supersede all previous written or oral quotations, statements or agreements. Any contract for sale by and between the parties shall be governed by and construed according to the laws of the State of Illinois without regard to its rules on the conflict of laws. The Convention on the International Sale of Goods is expressly excluded. 2. QUOTATIONS: Quotations shall be valid for no more than thirty (30) days from their date, unless otherwise stated in the quotation. All quotations are subject to change by Schneider Electric Company at any time upon notice to Purchaser. It is Purchaser's obligation to review the quotation carefully and to immediately advise Schneider Electric of any differing interpretation Purchaser has so any necessary change can be made. 3. PRICE POLICY: All prices are subject to change without notice. In the event of a net price change and unless otherwise agreed to in writing, prices for orders scheduled for immediate release shall be those in effect at time of order entry. Prices for orders placed for future shipment without an agreed price and ship date will be billed at the pricing in effect as of the shipment date. All clerical errors are subject to correction. 4. SUBSTITUTION: Schneider Electric may furnish suitable substitutes for material unobtainable because of priorities or regulations established by governmental authority or non-availability of materials from suppliers, provided such substitutions do not adversely affect the technical soundness of the equipment. Schneider Electric assumes no liability for deviation from published dimensions and descriptive information not essential to proper performance of the product. 5. TAXES: Any manufacturer's tax, retailer's tax, occupation tax, use tax, sales tax, excise tax, (except federal excise tax on vehicles), duty, customs, inspecting or testing fee, or other tax, fee or charge of any nature whatsoever, imposed by any governmental authority or measured by any transaction between Schneider Electric and Purchaser, shall be paid by the Purchaser in addition to the prices quoted or invoiced, and such charges will appear as a separate line item on the invoice. In the event Schneider Electric will be required to pay any such tax, fee, or charge, Purchaser shall reimburse Schneider Electric or, in lieu of such payment, Purchaser shall supply Schneider Electric at the time the order is submitted with an exemption certificate or other document acceptable to the tax authority. Purchase Orders must state the existence and amount of any such tax, fee or charge for which Purchaser claims an exemption. 6. TERMS OF PAYMENT: Acceptance of all Purchase Orders is subject to Purchaser meeting Schneider Electric credit standards. Terms are subject to change for failure to meet such standards. Terms are net thirty (30) days from date of invoice of each shipment, unless otherwise stated in Schneider Electric's quotation. For an authorized distributor or authorized reseller order, applicable terms of payment are stated in the quotation or applicable discount schedule. Schneider Electric reserves the right at any time to demand full or partial payment before proceeding with a contract of sale if, in its sole judgment, as a result of changes in the financial condition of the Purchaser the terms of payment originally specified are no longer justified. 7. PAYMENTS: If delivery is delayed or deferred by the Purchaser beyond the scheduled date, payment shall be due in full when Schneider Electric is prepared to ship. The equipment may be stored at the risk and expense of the Purchaser. If the Purchaser defaults when any payment is due, then the whole contract price shall become due and payable upon demand, or Schneider Electric at its option, without prejudice to other lawful remedies, may defer delivery or cancel the contract for sale. If Purchaser becomes insolvent, or bankrupt or in the event any proceeding is brought against the Purchaser, voluntarily or involuntarily under the bankruptcy or any insolvency law, Schneider Electric may cancel any order outstanding at any time and recover its applicable cancellation charges from the Purchaser or the Purchaser's estate. 8. DELIVERY: A. F.O.B. POINT OF SHIPMENT: When the Schneider Electric quotation is based on delivery F.O.B. point of shipment, freight prepaid and allowed for delivery within the continental United States, product is sold F.O.B. point of shipment, freight prepaid and allowed. A shipping and handling charge of fifty dollars (\$50) will be added to all orders having a total net invoice price of less than one thousand dollars (\$1,000). Delivery by Schneider Electric to the point of shipment constitutes delivery to the Purchaser; and title and all risk of loss or damage in shall pass to the Purchaser at time of delivery at the F.O.B. point Schneider Electric is not responsible for breakage after having received "in good order" receipts from the carrier. Purchaser is responsible for pursuing any damage claims with the carrier. No allowance will be made in lieu of transportation if the Purchaser accepts shipment at factory, warehouse or freight station or otherwise supplies its own transportation. Freight prepaid is defined as: A) Shipments to destinations within the continental United States to the accessible common carrier point nearest the first destination. B) Shipments to U.S. destinations outside the continental United States shall be to the common carrier free delivery point in the United States

nearest the original port of embarkation. All charges associated with F.A.S., C.I.F., or other charges such as pier transfer, lift, ocean freight, and marine or war insurance shall be paid by the Purchaser, unless otherwise specifically agreed in a specific Purchase Order. In no event will Schneider Electric be responsible for demurrage or detention charges. B: DELIVERY: F.O.B. DESTINATION: When the Schneider Electric quotation is based on delivery F.O.B. Destination, for shipments for delivery within the continental United States, Schneider Electric will retain title and all risk of loss or damage in transit to the common carrier free delivery point in the United States nearest the first destination for a price addition of 2% of the net price. If the Purchaser elects this option, Purchaser's obligations shall be as follows: A) Purchaser shall have the responsibility of inspecting the equipment for apparent loss or damage immediately upon its arrival at the free delivery point. B) In the event of apparent shipping loss or damage, Purchaser shall make written notation of the loss on the carrier's delivery receipt and, within 72 hours of delivery shall notify the Schneider Electric Customer Information Center. Purchaser shall not remove product from the point of examination and shall retain the shipping container and packing material. Purchaser shall request the carrier to make an inspection and send Schneider Electric a copy of the carrier's inspection report. C) In the event of concealed damage which occurred during transit and is discovered by the Purchaser after delivery, Purchaser shall report such damage immediately, but in no event later than 15 days after delivery, to the delivering carrier, and within 72 hours of discovery, shall notify the local Schneider Electric field office. If such notification is not made, Schneider Electric shall not be liable for loss or damage in transit. C: SHIPMENT AND ROUTING: Schneider Electric shall select the point of origin of shipment, the method of transportation and the routing of the shipment. Purchasers that request expedited or special modes of transportation or routing involving air, premium or any other non-standard Schneider Electric shipping shall be assessed additional charges for shipping, handling, freight and expediting. Any rebates, allowances, discounts or incentives received by Schneider Electric from its carriers shall be retained by Schneider Electric. All prices include domestic packaging only. When other than domestic packaging is required, contact your local Schneider Electric field office. Purchaser specified packaging and marking may be subject to additional charges. 9. SHORTAGES: Claims for shortages or errors must be submitted to Schneider Electric within 30 days after invoice date, and failure to give such notice shall constitute unqualified acceptance and a waiver of all such claims by the Purchaser. 10. INSTALLMENTS: Schneider Electric reserves the right to make shipments in installments, unless otherwise expressly stipulated in a specific Purchase Order; and all such installments when separately invoiced shall be paid for when due per invoice without regard to subsequent shipments. Delay in shipment of any installment shall not relieve Purchaser of its obligation to accept remaining shipments. 11. FORCE MAJEURE: Schneider Electric shall not be liable for any damages as a result of any delays due to any causes beyond Schneider Electric's control, including, without limitation, an act of God; act of Purchaser or Schneider Electric supplier; embargo or other governmental act; regulation or request; fire; accident; strike; slowdown; flood; fuel or energy shortage; sabotage; war; riot; delay in transportation and inability to obtain necessary labor, materials or manufacturing facilities from usual sources. In the event of any such delay, the date of delivery shall be extended for a period of time reasonably necessary to overcome the effect of such delay. 12. STANDARD WARRANTY: Schneider Electric warrants equipment manufactured by it and sold through authorized sales channels to be free from defects in materials and workmanship for eighteen (18) months from date of invoice by Schneider Electric or its authorized sales channel. If within such period any such equipment shall be proved to Schneider Electric's satisfaction to be non-conforming, such equipment shall be repaired or replaced at Schneider Electric's option. This warranty shall not apply (a) to equipment not manufactured by Schneider Electric, (b) to equipment that has been repaired or altered by other than Schneider Electric so as, in its judgment, to affect the same adversely, or (c) to equipment that has been subjected to negligence, accident, or damage by circumstances beyond Schneider Electric's control, or improper operation, maintenance or storage, or to other than normal use or service. With respect to equipment not manufactured by Schneider Electric, the warranty obligations of Schneider Electric shall in all respects conform and be limited to the warranty actually extended to Schneider Electric by its supplier. Non-conforming products must be returned at Schneider Electric's expense for evaluation unless this is waived in writing. Replacement products may be new or reconditioned. The foregoing warranties do not cover reimbursement for labor, transportation, removal, installation, temporary power, or any other expenses that may be incurred in connection with repair or replacement. 13. OPTIONAL WARRANTIES: (Only available on equipment to be located in the U.S.) Option 1 - Extended-2 to 5 years from Shipment. If requested by the Purchaser and specifically accepted in writing by Schneider Electric, the standard warranty will be extended to two (2) years from date of invoice for a price addition of 1% of the net face value of the Purchase Order, will be extended to three (3) years from date of invoice for a price addition of 3% of the net face value of the Purchase Order, will be extended to four (4) years from date of invoice for a price addition of 5% of the net face value of the Purchase Order, or will be extended to five (5) years from date of invoice for a price addition of 7% of the net face value of the Purchase Order. Option 2 - Special Warranty: If requested by the Purchaser and specifically accepted in writing by Schneider Electric, the standard warranty will be extended, for a price addition of 3% of the net face value of the Purchase Order, to cover reimbursement of the direct costs of: A) Removal of non-conforming equipment or part thereof; B) Transporting equipment or parts to and from the place of repair; C) Off-loading of truck and reinstallation at the original site. Such special warranty, which may be chosen to cover a period not exceeding that of the standard or extended warranty (see above) selected, will not include the cost of providing temporary power or removing or replacing other apparatus or structures, or costs of transportation beyond a common carrier free delivery point in the continental United States. Further, the obligation of Schneider Electric for expenses and costs arising under this special warranty coverage will not exceed 50% of the net invoice price on the equipment being repaired. This warranty does not change or affect the allocation of risk or loss during shipment. Option 3 - Extended Warranty - Preventative Maintenance Agreements: If requested by the Purchaser, and specifically accepted by Schneider Electric, a Preventative Maintenance Agreement is available to provide preventative maintenance on equipment covered by the agreement. Terms of the Preventative Maintenance Agreement shall be as defined in a separate Services Agreement agreed to by the parties. 14. RETURN OF EQUIPMENT: NO EQUIPMENT MAY BE RETURNED WITHOUT FIRST OBTAINING SCHNEIDER ELECTRIC'S WRITTEN PERMISSION AND A RETURNED MATERIAL IDENTIFICATION TAG. Returned equipment must be of

current manufacture, in the original packaging, unused, undamaged and in saleable condition. Returned equipment must be securely packed to reach Schneider Electric without damage and labeled with the return authorization number. Any cost incurred by Schneider Electric to put equipment in first class condition will be charged to the Purchaser. Returns must originate from the original purchaser account number. Returns will be credited at the original price paid as indicated on the invoice or purchase order associated to the equipment being returned as provided by the Purchaser. If no invoice number or purchase order number is provided, then credit will be issued based on the into stock price in effect 12 months prior to date of return authorization and will also have an additional 25% processing fee applied. Schneider Electric stocked equipment (which is defined as equipment stocked within Schneider Electric's Distribution Center) and non-stocked equipment, which are listed in the current product list as returnable and which are accepted for credit, not involving a Schneider Electric error, shall be assessed a restocking fee of 25% of the invoice price. NOTE: Special Order and Custom equipment is not returnable. Each line item returned must have an extended line item value of \$25.00 or greater. Schneider Electric shall bear the cost of returns resulting from Schneider Electric error, and method and route of return will be at the discretion of Schneider Electric. Costs incurred by failure to follow Schneider Electric direction will be borne by the Purchaser. 15. SOFTWARE: Any software or computer information, in whatever form that is provided with equipment manufactured by Schneider Electric, is licensed to Purchaser solely pursuant to standard licenses of Schneider Electric or its supplier of such software or computer information which licenses are hereby incorporated by reference. Schneider Electric does not warrant that such software or computer information will operate error free or without interruption, and warrants only that during the warranty period applicable to the equipment that the software will perform its essential functions. If such software or computer information fails to conform to such warranty, Schneider Electric will, at its option, provide an update to correct the nonconformance or replace the software or computer information with the latest available version containing a correction. Schneider Electric shall have no other obligation to provide updates or revisions. 16. LIMITATIONS: These disclaimers and limitations of remedies apply to all warranties offered to Purchaser and to all Purchase Orders. THE WARRANTIES SET FORTH ABOVE ARE EXCLUSIVE AND IN LIEU OF ALL OTHER EXPRESSED OR IMPLIED WARRANTIES (EXCEPT WARRANTIES OF TITLE), INCLUDING, BUT NOT LIMITED TO IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Except as may be expressly provided in an authorized writing by Schneider Electric, Schneider Electric shall not be subject to any other obligations or liabilities whatsoever, other than as stated above with respect to equipment sold or services rendered by Schneider Electric. Notwithstanding anything to the contrary herein contained SCHNEIDER ELECTRIC COMPANY, ITS CONTRACTORS AND SUPPLIERS OF ANY TIER, SHALL NOT BE LIABLE IN CONTRACT, IN TORT (INCLUDING NEGLIGENCE OR STRICT LIABILITY) OR OTHERWISE FOR LOST TIME, LOST PROFITS, OR SPECIAL, INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES OF ANY KIND WHATSOEVER. The remedies of the Purchaser are exclusive and the total cumulative liability of Schneider Electric, its contractors and suppliers of any tier, with respect to this contract or anything done in connection therewith, such as the use of any product covered by or furnished under the contract, whether in contract, in tort (including negligence or strict liability) or otherwise, shall not exceed the price of the product, part, or service on which such liability is based. 17. INTELLECTUAL PROPERTY: As to equipment proposed and furnished by Schneider Electric, Schneider Electric shall defend any suit or proceeding brought against Purchaser so far as based on a claim that such equipment constitutes an infringement of any copyright, trademark or patent of the United States. This obligation shall be effective only if Purchaser shall have made all payments then due hereunder and if Schneider Electric is notified promptly in writing and given authority, information, and assistance at Schneider Electric's expense for the defense of the same. In the event the use of such equipment by Purchaser is enjoined in such a suit, Schneider Electric shall, at its expense, and at its sole option, either (a) procure for the Purchaser the right to continue using such equipment (b) modify such equipment to render it non-infringing (c) replace such equipment with noninfringing equipment, or (d) refund the purchase price (less depreciation) and the transportation and installation costs of such equipment. Schneider Electric will not be responsible for any compromise or settlement made without its written consent. The foregoing states the entire liability of Schneider Electric for patent, trademark or copyright infringement, and in no event shall Schneider Electric be liable if any infringement charge is based on the use of Schneider Electric equipment for a purpose other than that for which it was sold by Schneider Electric. As to any equipment furnished by Schneider Electric to Purchaser and manufactured in accordance with designs proposed by Purchaser, the Purchaser shall indemnify Schneider Electric against any award made against Schneider Electric for patent, trademark, or copyright infringements. 18. WITNESS OF TESTS AND FACTORY INSPECTIONS: Normal production schedules do not provide the opportunity for Purchaser to witness routine factory tests on equipment or make factory inspections. Witnessing of tests or factory inspections by the Purchaser may result in delays of production for which Schneider Electric will not be responsible. Witness testing and factory inspections must be requested at time of quotation, are subject to additional costs and must be confirmed at order entry. Standard Schneider Electric factory testing and inspection will apply. Schneider Electric will notify Purchaser fourteen (14) calendar days prior to scheduled witness testing or inspection. In the event Purchaser is unable to attend, the Parties may mutually agree on a rescheduled date. However, Schneider Electric, at its sole option, may consider the witness tests and/or inspection waived, and ship and invoice the Products and the witness testing charges. Purchaser will be responsible for paying for all scheduled witness testing, whether or not Purchaser attends. 19. NUCLEAR APPLICATIONS TERMS AND CONDITIONS: Unless otherwise agreed in writing by a duly authorized representative of Schneider Electric, products sold hereunder are not intended for use in or in connection with any nuclear facility or activity. If so used, Schneider Electric disclaims all liability for any damage, injury or contamination; and Purchaser shall indemnify Schneider Electric against any such liability, whether arising as a result of breach of contract, warranty or tort (including negligence) or otherwise. 20. PATTERNS AND TOOLS: Notice will be given if special patterns or tools are required to complete any order. Charges for such patterns or tools do not convey title thereto or the right to remove them from Schneider Electric's plant. If patterns or tools are not used for a period of two years, Schneider Electric shall have the right to scrap them without notice. 21. PRODUCT NOTICES: Purchaser shall promptly supply the user (including its employees) of the product with all Schneider Electric supplied product notices, warnings, instructions,

recommendations and similar materials. 22. ERRORS: Schneider Electric reserves the right to correct errors or omissions in quotations, acknowledgments, invoices, or other documents. 23. OSHA COMPLIANCE: Compliance with OSHA or similar federal, state or local laws during the operation or use of the product(s) is the sole responsibility of the Purchaser. 24. TERMINATION: Any order may be terminated by the Purchaser only upon notice to Schneider Electric and upon payment of reasonable and proper termination charges based on the price of the terminated order and reimbursement of all direct costs and expenses associated with the order caused by such termination and shall include a reasonable profit. Special or custom ordered equipment is not cancelable after final acceptance of approval drawings for the commencement of manufacturing. 25. CANCELLATION: Schneider Electric shall have the right to cancel any order or contract at any time by written notice for any material breach of the contract by the Purchaser, including material delays in releasing equipment for manufacture or approval drawings and excessive changes to specifications or drawings.

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