

A photograph of two men in a modern office environment. The man on the left, wearing a light blue shirt and glasses, is leaning forward and pointing at a laptop screen. The man on the right, wearing a grey sweater over a light blue shirt and glasses, is smiling and looking at the screen. The background is a bright, modern office with large windows and white walls.

EasyLogic PM2000 series

The easy choice for quality, value, and simplicity.

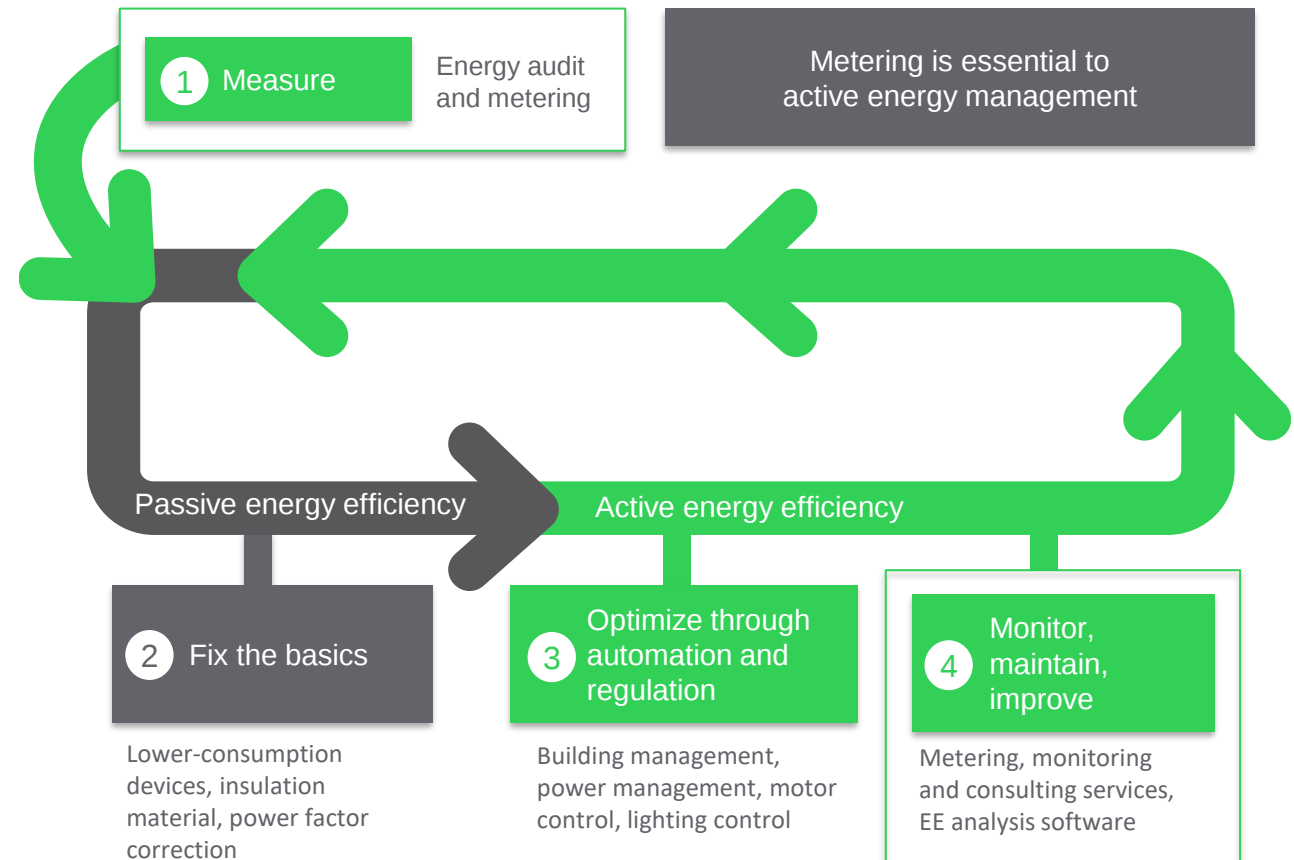
Customer overview

Life Is On

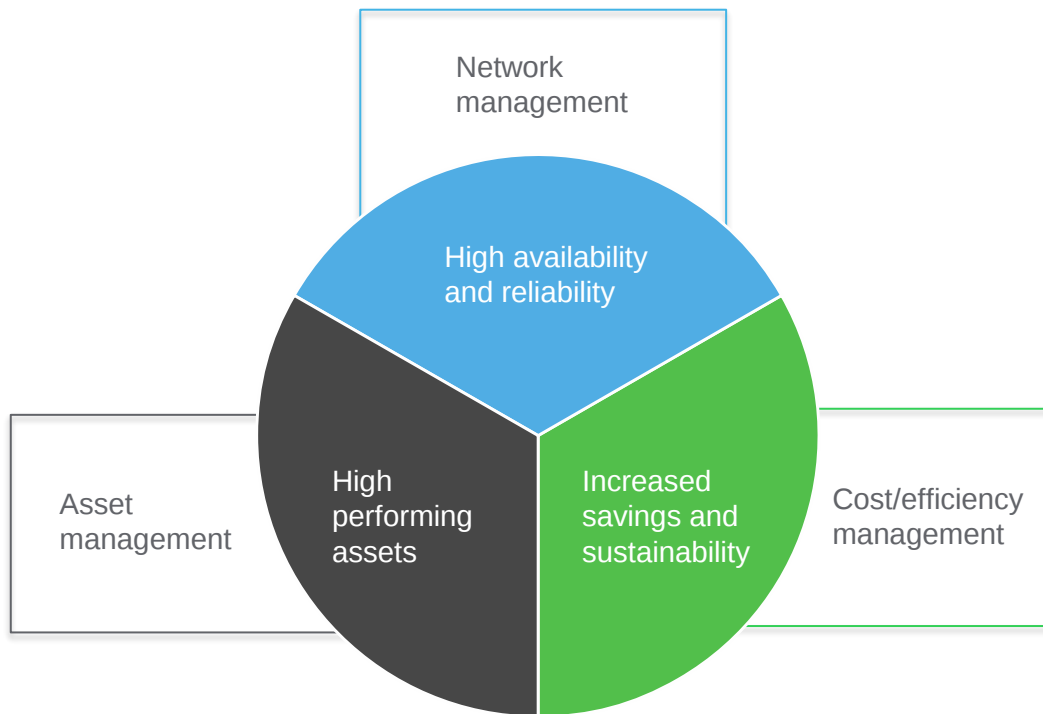
Schneider
Electric

Market trends

- General trend to being more energy efficient
 - Economic scenario is tough — need to save money
 - Power situation is tough — need to make best use of available power
 - Starting point is power monitoring — products and solutions
- Trend toward more monitoring
 - More than the minimum requirements
 - Monitoring all resource consumption (WAGES)
 - Monitoring at the circuit level



Power metering can improve business efficiency and create operational savings



To secure productivity, you must ensure your ED network maintains reliability.

Applications:

- Min/max monitoring with date and time stamps to detect abnormality in the network
- Power quality monitoring to regulatory standards
- Root cause analysis

To save money on your electricity bill, accurate energy measurement is the key.

Applications:

- Energy accounting and balancing
- Tenant metering
- Cost allocation
- Energy usage and optimization
- Energy efficiency assessments
- Regulatory compliance

Introducing the EasyLogic PM2000 series power and energy meters

- Modular and scalable meters providing essential electrical system measurements for your installations
- The easy choice for ...
 - The performance you need
 - A cost-effective investment
 - The quality you demand
- With the simplicity you desire, making them easy to choose, install, and use



Benefits to choosing the EasyLogic PM2000 series meters



- Offer simplification when ordering and fast lead times
- Offer quality and reliability to provide accurate and secure information
- Ease of installation and set up
 - Standard terminal orientation (top & bottom)
 - Supports 13 wiring configuration types
 - Universal auxiliary range
 - Flexible number of CTs/VTs for 3-phase measurement
 - Modular I/O options
- Ease of navigation via front panel and intuitive menus



UL and CE markings as per UL/IEC 61010-1 Ed-3

ISO/EHS/OHSAS certified manufacturing facility reinforces product quality and reliability. Independent lab reports available for CE/UL.

Green Premium eco-mark

Confidently confirm and incorporate compliance status of our products into your environmental policies.

Accurate metering of essential measurements

- **Essential measurements:** voltage, current, power, demand, energy, THD and harmonics, % unbalance, active load timer, run hours, etc.
- Accuracy Class 1.0 as per **IEC 62053-21** and Class 0.5S as per **IEC 62053-22** (Energy only — partial compliance)
- Reactive energy accuracy **IEC 62053-24 Class 1.0**
- **THD and individual harmonics** up to 15th or 31st in different conditions
- **Min/max values with date/time stamp** on commonly viewed instantaneous parameters (V L-L, V L-N, Amps, W, VA, VAR, PF, Hz)
- Two **configurable rate counters** for custom use (e.g., measure kgCO₂/kWh or tariff rate based on the energy consumption)
- **12 AM snap shot** for precise energy accounting of multiple meters
- High sampling rate of **64 samples/cycle** for 50/60 Hz networks
- Field-upgradeable, modular **digital and analog I/O** modules



Security and data integrity

- **Terminal covers** protect against tampering of input signals and help ensure data integrity
- **Field-configurable passwords**
 - Prevents unauthorized set up changes
 - Avoid resetting of stored data (energy, max demand, min/max)
- Enable/disable COM port to protect against possible misuse or cyberattack (i.e., **cybersecurity option**)



Data display options to suit different environments



PM2100 LED meter models

- Distant and angular viewing made easier with a greater number of parameters on display
- Bright red, 7 segment, 14.2 mm height 4 digits per line, 3 rows, auto scaling
- Intuitive navigation – 66 parameters on display and over 260 through com
- Strike through LED indication for easy identification of parameters



PM200 LCD meter models

- Graphical display supports future enhancement features
- Back-lit monochrome graphical LCD of 128x128 resolution with viewable area of 7.2x62.5 mm
- 4 buttons for intuitive navigation through display pages and setup menus

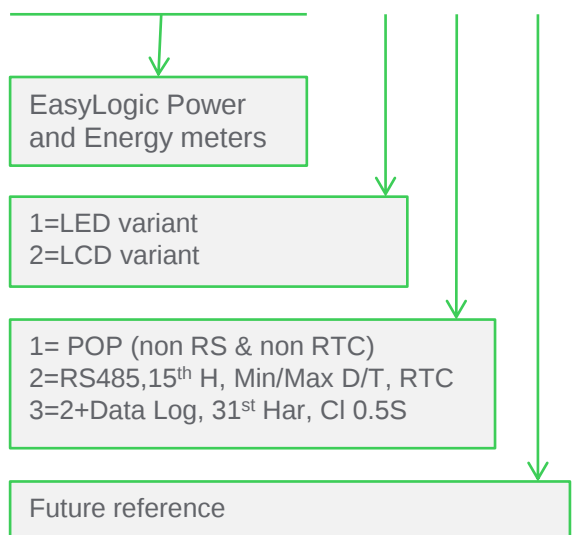
Feature set summary



	LED display variants				LCD display variants			
	PM2110	PM2120	PM2130	PM2130 with I/O modules	PM2210	PM2220	PM2230	PM2230 with I/O modules
V A F, PF, Demand, THD%	Y	Y	Y	Y	Y	Y	Y	Y
4Q Power – per Ph & Total. Total Energy	Y	Y	Y	Y	Y	Y	Y	Y
Min/max & RTC	-	Y	Y	Y	-	Y	Y	Y
POP/RS-485	POP	RS-485	RS-485	RS-485	POP	RS-485	RS-485	RS-485
Individual harmonics	-	15 th	31 st	31 st	-	15 th	31 st	31 st
Data log for energy, power, and demand parameters	-	-	Y	Y	-	-	Y	Y
DI/DO modules	-	-	-	2/2	-	-	-	2/2
AI/AO modules	-	-	-	2/2	-	-	-	2/2
Energy accuracy class	1.0	1.0	0.5S	0.5S	1.0	1.0	0.5S	0.5S

Commercial reference numbering scheme

PM 2110



Accessories (ordering options)
To be used only with PM2130 or PM2230 meter ref

Digital I/O modules: 2+2
**Analog I/O modules: 2+2 (1+1 in future)

LED – Type	Meter ID	Commercial ref
a. Basic VAF P & E THD POP CI 1.0	PM2110	METSEPM2110
b. a+ RS485,* Min/Max RTC, 15 th Har	PM2120	METSEPM2120
c. b+ 31 st Har + Data Log, CI 0.5S	PM2130	METSEPM2130

LCD – Type	Meter ID	Commercial ref
a. Basic VAF P & E THD POP CI 1.0	PM2210	METSEPM2210
b. a+ RS485,* Min/Max RTC, 15 th Har	PM2220	METSEPM2220
c. b+ 31 st Har + Data Log, CI 0.5S	PM2230	METSEPM2230

I/O Modules	Model ID	Commercial ref
a. 2 digital inputs and outputs	PM2KDIDO	METSEPMDG22
b. 2 analog inputs and outputs**	PM2KAIAO	METSEPMAG22**

* POP not available

