

Feature set summary

Parameter	EM6459H	EM6433H	EM6436H	EM6438H	PM1130H
Accuracy Class for Wh	-	1.0	1.0	1.0	-
	-	0.5	0.5	0.5	0.5
Accuracy of VAh	-	± 1.0%	± 1.0%	± 1.0%	-
	-	± 0.5%	± 0.5%	-	± 0.5%
Accuracy Class for VARh	-	2.0	2.0	2.0	2.0
Sampling rate per cycle	32	32	32	32	32
Amps: average and per-phase, and calculated neutral current	■	■	■	-	■
Voltage: V L-N, V L-L, average and per-phase	■	-	■	-	■
Power factor: average and per-phase	■	-	■	■	■
Frequency (any available phase)	■	-	■	-	■
Revolutions per minute (RPM)	■	-		■	■
Phase angle : Amp Deg (V to Amps, per-phase)	■	-	■	■	■
Power: W, VA,VAR, average and per-phase Measurement and display of any one power parameter at a time, configurable through set-up/communication	-	■	■	■	■
% Unbalance: Maximum of 3-ph V and Amps	■	Amps	■	-	■
Energy +3 - delivered or forward or import energy: Wh, VAh, VARh One energy measurement at a time	-	■	■	■ (plus alternate source energy) +8	■ (plus alternate source energy) +8
Life time counter - meter ON Hrs, load Run Hrs and number of power interruptions	ON Hrs Power interruptions	■	■	■ (plus alternate source Run Hrs) +8	■ (plus alternate source energy) +8
Old registers - retrieval of last cleared values of energy and Run Hrs	-	■	■	■ (plus alternate source energy and Run Hrs) +8	■ (plus alternate source energy and Run Hrs) +8
Communication: RS485, Modbus RTU protocol	■ (selected ref)	■	■ (selected ref)	■	■
Demand Parameters - W, VA, VAR - One parameter at a time selectable	-	-	-	-	■
Configurable favorite Page	-	-	■	-	■
Relay Form A, 2 Terminals	-	-	-	-	■
THD% for Voltage & Current	-	-	-	-	■
Suppression Current (5 to 99 mA)	■	■	■	■	■
Ordering ref:					
■ Class 1.0 non-com	METSEEM6459HCL10NC	-	METSEEM6436HCL10NC	-	-
■ Class 1.0 RS-485	METSEEM6459HCL10RS	METSEEM6433HCL10RS	METSEEM6436HCL10RS	METSEEM6438HCL10RS	-
■ Class 0.5 RS-485	METSEEM6459HCL05RS	METSEEM6433HCL05RS	METSEEM6436HCL05RS	METSEEM6438HCL05RS	METSEPM1130HCL05RD

- : Not Available

■ : Available