

4. India's Most Sold Multifunction Meters



Green Premium Eco-Mark

4.1 EasyLogic™ EM6400NG+

EM6400NG+, is an enhanced version of EM6400NG and legacy EM6400 meter series with innovative features to meet the needs of energy efficient India.

- > Energy standards: Active energy Class 0.5S/ Class 0.2* as per IEC 62053-22, Active energy Class 1.0 as per IEC 62053-21. Reactive energy Class 1 as per IEC 62053-24.
- > LED display: Intuitive navigation with self-guided, three buttons, LEDs of height ~14.2 mm (0.55 in), and three lines of concurrent values.
- > Compliant to IEC 61557-12: PMD/[SD|SS]/K55/1 for Class 1 and PMD|SD|SS|K55/0.5 for Class 0.5S and Class 0.2 (for firmware version 1.3.0 and higher).
- > Power quality analysis: The EM6400NG+ offers THD % measurements and Individual harmonics up to 15th order for voltage and current parameters, per-phase basis.
- > Load management: Peak demands of all the four demand parameters (W, VA, VAR, Amps) with date and time stamp.
- > Communication – Pulse output, RS485.
- > Cybersecurity: Option for disabling RS-485 port through front panel keys against unauthorized access. This feature can also be used for toggling between the RTU devices in case of limited availability of nodes in software system.
- > Suppression current: To disregard induced or negligible current flowing in the circuit, minimum value of current detection can be settable from 5 to 99 mA, default is 5 mA.
- > Green premium: EOL, REACH, PEP, RoHS compliance.

Product	Description	Reference		Unit MRP [₹]
EM6400NG+	CI 0.2, LED display, THD, 15th Harmonics, RS-485	METSEEM6400NGRSC2		31858
EM6400NG+	CI 0.5S, LED display, THD, 15th Harmonics, RS-485	METSEEM6400NGRSC5		23544
EM6400NG+	CI 1.0, LED display, THD, 15th Harmonics, RS-485	METSEEM6400NGRSC1	☑	18583
EM6400NG+	CI 0.5S, LED display, THD, 15th Harmonics, POP	METSEEM6400NGPOCL5		16361
EM6400NG+	CI 1.0, LED display, THD, 15th Harmonics, POP	METSEEM6400NGPOCL1	☑	14574

* Conzerv is now EasyLogic™

Please contact Customer Care Center for Stockable and Non stockable status of references.

5. India's Most Trusted, Reliable and Accurate Load Managers



5.1 Hexa Series EM64XXH and PM1130H Meters

Ideal replacement for multiple analog meters for stand-alone metering in custom panels, switch boards, switch-gear, genset panels, motor control centres, power factor improvement panels, and OEM panel board.

- > Energy standards: Active energy Class 0.5 as per IEC 62053-22, Active energy Class 1.0 as per IEC 62053-21. Reactive energy Class 1 as per IEC 62053-23.
- > Favourite page: The device enables user with the option to select parameters to be set in favourite page on in EM6436H.
- > Power and energy: measurement, display and recording of any one power and corresponding energy parameters simultaneously in EM6433H, EM6436H and EM6438H - W/Wh or VA/ VAh or VAR/ VARh.
- > Compliant to IEC 61557-12: PMD/[SD]SS]/K70/1 for Class 1 and PMD/[SD]SS]/K70/0.5 for Class 0.5S.
- > Analog load bar in LED display type: The colour-coded analog load bar at the front side indicates the percentage of load through 12 LED's with the option to select full scale based on connected load.
- > Protective cover: Tamper-proof terminal screws do not detach from housing.
- > Password: Field configurable password for securing set up information and prevents tampering of integrated values.
- > Cyber security: Option for disabling RS-485 port through front panel keys against unauthorized access.

Product	Description	Reference	Unit MRP [₹]
PM1130H	CI 0.5, LED display, Demand, THD, RS-485, 1 Relay, Dual Source P&E	METSEPM1130HCL05RD	19970
EM6438H	CI 0.5, LED display, RS-485, Dual Source P&E	METSEEM6438HCL05RS	9808
EM6438H	CI 1.0, LED display, RS-485, Dual Source P&E	METSEEM6438HCL10RS	<input checked="" type="checkbox"/> 9106
EM6436H	CI 0.5, LED display, RS-485, MFM	METSEEM6436HCL05RS	13412
EM6436H	CI 1.0, LED display, RS-485, MFM	METSEEM6436HCL10RS	<input checked="" type="checkbox"/> 11308
EM6436H	CI 1.0, LED display, No Communication, MFM	METSEEM6436HCL10NC	9674
EM6433H	CI 0.5, LED display, RS-485, A + P & E	METSEEM6433HCL05RS	9095
EM6433H	CI 1.0, LED display, RS-485, A + P & E	METSEEM6433HCL10RS	<input checked="" type="checkbox"/> 8568
EM6459H	CI 0.5, LED display, RS-485, VAF + PF	METSEEM6459HCL05RS	9663
EM6459H	CI 1.0, LED display, RS-485, VAF + PF	METSEEM6459HCL10RS	<input checked="" type="checkbox"/> 9066
EM6459H	CI 1.0, LED display, No Communication, VAF + PF	METSEEM6459HCL10NC	7081

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NORMAL STOCK ITEMS

W.E.F. January 17th, 2024

5. India's Most Trusted, Reliable and Accurate Load Managers



5.2 Hexa Series LCD Range

Offering all the measurement capabilities required to monitor the electrical installation in 132 * 32 pixels LCD display.

- > Energy standards: Active energy Class 0.5 as per IEC 62053-22, Active energy Class 1.0 as per IEC 62053-21. Reactive energy Class 2 as per IEC 62053-23.
- > LCD display: Elegant single row, bright back lit graphical LCD display 132 * 32 pixels, Fast in-line view, three parameters name and value at one glance.
- > Power and energy: measurement, display and recording of three power and corresponding energy parameters simultaneously in PM1225H - W/Wh, VA/ VAh and VAR/ VARh.
- > Communication : RS-485 serial channel connection Industry standard Modbus RTU protocol.
- > IP degree of protection: IP 51 front side, IP 30-meter body, tested as per IEC 60529 - upgrade to IP65 front side with Optional accessory kit METSEIP65OP96X96FF.
- > Password: Field configurable password for securing set up information and prevents tampering of integrated values.
- > Smart line indicators in LCD display meter: Helps check the presence of input supply voltage (healthy phase).
- > Suppression current: To disregard the measurement of induced and panel auxiliary load current in the circuit (settable from 5 to 99 mA).

Product	Description	Reference	Unit MRP [₹]
PM1230H	CI 0.5, LCD display, Demand, THD, RS-485, Dual Source P&E	METSEPM1230HCL5	18731
PM1225H	CI 0.5, LCD display, Restricted MFM, RS-485	METSEPM1225HCL5	26003
PM1225H	CI 1.0, LCD display, Restricted MFM, RS-485	METSEPM1225HCL1	20523
EM1220H	CI 0.5, LCD display, Load Manager, RS-485	METSEEM1220HCL5	13812
EM1220H	CI 1.0, LCD display, Load Manager, RS-485	METSEEM1220HCL1	12033

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NORMAL STOCK ITEMS

W.E.F. January 17th, 2024

Celebrating
25 YEARS OF
POWER
MONITORING
EXCELLENCE



Introducing “New face of Power Monitoring”

EasyLogic™ PM112XH Series

- Active Accuracy - Class 1.0 / 0.5 as per IEC 62053-21 / 22
- Configurable Favorite Page
- Modbus RTU protocol RS-485 communication port
- Green Premium Product



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5. India's Most Trusted, Reliable and Accurate Multifunction Meters



5.3 Hexa Series PM112XH Series

Assured quality that you can trust to meet your needs throughout its lifecycle.

- > Energy standards: Active energy Class 0.5 as per IEC 62053-22, Active energy Class 1.0 as per IEC 62053-21. Reactive energy Class 2 as per IEC 62053-23.
- > LED display: Intuitive navigation with self-guided, four buttons, 8 segment alphanumeric LEDs of height ~14.2 mm (0.55 in), and three lines of concurrent values with Kilo & Mega value indicators.
- > Power and energy: measurement, display and recording of three power and corresponding energy parameters simultaneously in PM1125H - W/Wh, VA/VAh and VAR/VARh.
- > Communication: RS-485 serial channel connection Industry standard Modbus RTU protocol.
- > PM1120H, measurement and display of any one power parameter at a time - configurable through set-up/ communication. Energy measurement depends on type of power parameter selected during set up (W/Wh or VA/VAh or VAR/VARh).
- > Delivered & Received or Forward & Reverse or Import & Export energy (4 quadrant) - Accumulated or Integrated active (Real - Wh), reactive (VARh), apparent (VAh). 2 quadrant energy measurement in PM1120H.
- > Suppression current: To disregard the measurement of induced and panel auxiliary load current in the circuit (settable from 5 to 99 mA).

Product	Description	Reference	Unit MRP [₹]
PM1120H ⁽⁺¹⁾	CI 0.5, LED display, Demand, THD, RS-485, P & E	METSEPM1120HCL05RD	20953
PM1120H ⁽⁺¹⁾	CI 1.0, LED display, Demand, THD, RS-485, P & E	METSEPM1120HCL10RD	17588
PM1125H	CI 0.5, LED display, Demand, THD, RS-485, MFM	METSEPM1125HCL05RD	24169
PM1125H	CI 1.0, LED display, Demand, THD, RS-485, MFM	METSEPM1125HCL10RD	19326

⁽⁺¹⁾Measurement and display of any one power parameter at a time (W/Wh or VA/VAh or VAR/VARh).