



PM5000 Series Power Meter

Series 5000 Power Meters

The PowerLogic PM5000 series power meters are the new benchmark in affordable, precision metering. It is the ideal fit for high-end cost management applications, providing measurement capabilities needed to allocate energy usage, perform tenant metering and sub-billing, pin-point energy savings, optimize equipment efficiency and utilization, and perform a high level assessment of the power quality in electrical networks.

All meters provide Modbus serial communications. PM5500 level meters are also capable of simultaneous Modbus TCP and BTL-certified BACnet IP communications over Ethernet.

- Panel instrumentation (OEMs)
- Sub-billing and cost allocation
- Remote monitoring of an electrical installation
- Harmonic monitoring (THD)

Table 4.9: Series 5000 Power Meters

Description	Catalog No.
Power Meter, Class 0.5 Serial Port	METSEPM5110
Meter, Class 0.5 Alarms TOU Serial Port	METSEPM5330
Power Meter, Class 0.5 Alarms TOU Ethernet Port	METSEPM5340
Power Meter Class 0.2 Serial Port and Dual Ethernet	METSEPM5560
Power Meter without Display Class 0.2 Serial Port and Dual Ethernet	METSEPM5563
Power Meter Class 0.2 Serial Port and Dual Ethernet, LVDC Control Power	METSEPM5580
Power Meter Class 0.2 Serial Port and Dual Ethernet, Waveform Capture, Sag/Swell	METSEPM5650
Remote Display for METSEPM5563	METSEPM55RD
Power Meter with Remote Display Class 0.2 Serial Port and Dual Ethernet	METSEPM5563RD[5]



PM2100 Series LED Display Meter



PM2200 Series LCD Display Meter

Series PM2000 Power Meters

The PM2000 series meter is a next-generation energy and power meter that offers all the measurement capabilities required to monitor an electrical installation in a single 96 x 96 mm unit. The PM2000 series offers simplicity and reliability for basic energy cost and network management applications at a value price. PM2000 meters are available in LED and LCD display variants:

- LED display type (PM2100 series): Intuitive navigation with self-guided, three buttons, bright red color LEDs of 14.2 mm height. Two columns of LEDs indicate the parameter name chosen for display.
- LCD display type (PM2200 series): Monochrome graphical LCD of 128 x 128 resolution lets users read all three phase values simultaneously. The bright display enables easy reading even in extreme lighting conditions and viewing angles with intuitive menus, multi-language text, icons and graphics.

PM2130 and PM2230 meter models have provisions to attach one input/output expansion module. Choose from: two digital inputs, two digital outputs; two analog inputs, two analog outputs; or two digital inputs, two relay outputs.

Table 4.10: PM2000 Series Power Meters and Options

Description	Catalog Number
Meters	
PM2110, THD, LED display, Energy pulse output, Class 1	METSEPM2110
PM2120, 15th Harmonic, LED display, Modbus RS485, Class 1	METSEPM2120
PM2130, 31st Harmonic, LED display, Modbus RS485, Class 0.5S	METSEPM2130
PM2110, THD, LCD display, Energy pulse, Class 1	METSEPM2210
PM2220, 15th Harmonic, LCD display, Modbus RS485, Class 1	METSEPM2220
PM2230, 31st Harmonic, LCD display, Modbus RS485, Class 0.5S	METSEPM2230
Optional Input/Output Modules	
PM2X30 I/O Module - 2 Digital In, 2 Digital Out	METSEPM2KDGTIO22
PM2X30 I/O Module - 2 Analog In, 2 Analog Out	METSEPM2KANLGIO22
PM2X30 I/O Module - 2 Digital In, 2 Relay Out	METSEPM2K2DI2RO

[5] METSEPM5563RD includes both METSEPM5563 and METSEPM55RD.