

# EasyLogic PM2000 Series

The easy choice for quality, value, and simplicity in a power and energy meter. Save money on your electrical bill and maintain a reliable, dependable electrical distribution network.



## Accuracy, precision, and essential measurements

- **Essential measurements:** collect the parameters you need with a single meter — voltage, current, power, demand, energy (active, reactive, apparent), THD and harmonics, % unbalance, active load timer, meter operation timer, run hours.
- **Accuracy Class 1.0 as per IEC 62053-21, and Class 0.5S as per IEC 62053-22 (Energy only — partial compliance):** critical for precision energy accounting and balancing, cost allocation, and tenant billing.
- **Reactive energy accuracy IEC 62053-24 Class 1.0:** for increased precision on energy billing even with low power factor, minimizing errors and potential penalties that cost you money.
- **THD & Individual harmonics up to 15th or 31st in different conditions:** accurate harmonics monitoring under varied operating conditions helps determine harmonic contents and causes.
- **Min/max values with date/time stamp:** time stamps on commonly-viewed instantaneous parameters (V L-L, V L-N, Amps, W, VA, VAR, PF, Hz) help analyse the electrical network and pinpoint abnormalities.
- **Rate counters:** two configurable rate counters for custom use (e.g. measure kgCO<sub>2</sub>/kWh or tariff rate based on the energy consumption).
- **12 AM snap shot:** for precise calculation of multiple feeder readings. Commonly-viewed parameters (volts, amps, power, and energy) are recorded at 12 a.m. and can be seen/logged until 12 a.m. next day.
- **High sampling rate:** 64 samples/cycle for 50/60 Hz electrical networks, essential for detecting and capturing power quality events and accurate electrical parameters measurements.

## Security and data integrity

- **Password settings:** field-configurable passwords to prevent unauthorized configuration changes or resetting of stored data (energy, max demand, min/max).
- **Cybersecurity:** enable/disable COM port to protect against possible misuse, and enhance troubleshooting and maintenance of communication network.
- **Tamper proof:** terminal cover with sealing options protect against tampering of input signals and help ensure data integrity.



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EasyLogic PM2000 series power and energy meters provide all the essential electrical system measurements you need.

## 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. Schneider Electric commits to disclose reliable, comprehensive information on the environmental impacts of our products.

## Modular and customizable

- **LED display (PM2100):** highly visible, bright red display viewable from 10 metres.
- **LCD screen (PM2200):** 67\*62.5 mm screen area for up to four parameters of simultaneous readings; customize to display water, steam, and gas units.
- **Analog I/O:** combine two inputs and two outputs in one module for comprehensive WAGES monitoring. Configure inputs for flow rates, RPM, fluid level, pressure, temperature, or any other process control devices. Use outputs as transducers.
- **Digital I/O:** combine two inputs and two outputs in one module; configure for any device with digital output signal (breaker status, flow meter, etc.). Outputs configurable for alarms, energy pulse, or demand sync signal.
- **Data logging:** choose up to two parameters from a selection of six energy, three power, and three demand parameters at user-defined intervals, up to 60 days at 15 minute intervals.

## Safe, easy, and fast installation

- **Supports 13 most common wiring schema:** suitable for purpose-built machines, OEMs, export bound panels, universal applications, etc. No need to attach multiplication factor.
- **Direct application up to 600 V L-L:** supports direct connection to low voltage systems up to 600 V L-L (UL & IEC) for CAT II installations and 480V L-L for CAT III installations, simplifying installation, saving costs, and facilitating more accurate measurements.
- **AC/DC control power with universal operating range:** connect to a universal control power range of 44 V to 300 V AC/DC, allowing tremendous cost savings during installation.
- **Nondetachable fastening screws:** no risk of dropping screws inside the panel or enclosure.



Model	Commercial reference	Description
PM2110	METSEPM2110	EasyLogic VAF P & E meter THD POP CL 1
PM2120	METSEPM2120	EasyLogic VAF P & E RS485 15thHar CL 1
PM2130	METSEPM2130	EasyLogic VAF P & E RS485 31stHar CL 0.5S
PM2210	METSEPM2210	EasyLogic VAF P & E meter THD POP CL 1
PM2220	METSEPM2220	EasyLogic VAF P & E RS485 15thHar CL 1
PM2230	METSEPM2230	EasyLogic VAF P & E RS485 31stHar CL 0.5S
PM2K2DIDO	METSEPM2KDGTLIO22	Easylogic PM2x30 Digital IO Module 2-IO
PM2K2AIAO	METSEPM2KANLGIO22	Easylogic PM2x30 Analog IO Module 2-IO
PM2K1AIAO	METSEPM2KANLGIO11	Easylogic PM2x30 Analog IO Module 1-IO

See your Schneider Electric representative for complete ordering information

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