

PM5000 series

MULTIPLE TARIFFS METER



Main Sreen



Harmonics screen



Phasor screen

Multiple tariffs: offer the most flexibility with billing structures, PM5300 meters have 4 tariffs, PM5560 meter have 8 tariffs. These meters can also be used as a dual source meter.

Built-in digital input, output and relay for easy circuit breaker monitoring and control: The PM5300 provides two relay outputs with capability to command most of the circuit breaker coils directly. For Digital Inputs, monitored dry contact can be wired directly to the meter without external power supply.

Harmonics: measure individual harmonics up to 31st order for PM5300, and 63rd for PM5500.

Data logging and internal memory

- **PM5560:** 14 selectable parameters with configurable interval and duration (e.g. 6 parameters for 90 days @15 minute interval).
- **PM5300:** 2 parameters (kWh and kVAh) with configurable interval and duration (e.g. 2 parameters for 60 days @ 15 minute interval).

Communication: Modbus TCP/IP and RS485.

Extended voltage range: Direct connection up to 690 V L-L without voltage transformers.

Software integration

The meter easily integrates with utility SCADA, building management systems, plus a wide range of power and energy information software.

Choose **StruxureWare Power Monitoring Expert** software to maximize all the meter's advanced features. Real-time data and data logs stored on board can be automatically retrieved on a scheduled basis for analysis at the system level.

PM5000 series - MULTIPLE TARIFFS METER

Applications

- Energy management with multiple tariffs
- Harmonic monitoring
- Monitor and control ACB, MCCB

Ứng dụng

- Quản lý điện năng theo nhiều đơn giá
- Giám sát sóng hài
- Giám sát và điều khiển ACB, MCCB

Unit price (incl.VAT) in VND

Description	Reference	Unit Price
Meter Class 0.5S, 4 tariff, 2DI/2DO, Modbus RS485, Analyze Harmonic up to level 31 st	METSEPM5310	15,925,800
Meter Class 0.5S, 4 tariff, 2DI/2DO, Modbus TCP/IP, Analyze Harmonic up to level 31 st	METSEPM5320	20,951,700
Meter Class 0.5S, 4 tariff, 2DI/2DO/2Relay, Modbus RS485, Analyze Harmonic up to level 31 st	METSEPM5330	18,859,500
Meter Class 0.5S, 4 tariff, 2DI/2DO/2Relay, Modbus TCP/IP, Analyze Harmonic up to level 31 st	METSEPM5340	23,046,100
Meter Class 0.2S, 8 tariff, 4DI/2DO, Modbus TCP/IP & RS485, Analyze Harmonic up to level 63 rd	METSEPM5560	36,385,800
Meter Class 0.2S, 8 tariff, 4DI/2DO, Modbus TCP/IP & RS485, Analyze Harmonic up to level 63 rd , remote display	METSEPM5563RD	39,218,300
Meter Class 0.5S, 4DI/2DO, Modbus RS485	METSEPM5350	15,286,700

Features and Options	PM5100		PM5300				PM5500	
	PM5100	PM5110	PM5310	PM5320	PM5330	PM5340	PM5560	PM5563
Installation								
Fast installation, panel mount with integrated display	■	■	■	■	■	■	■	—
Fast installation, DIN rail mountable	—	—	—	—	—	—	—	■
Accuracy Display								
Display	Cl0.5	Cl0.5	Cl0.5	Cl0.5	Cl0.5	Cl0.5	Cl0.2	Cl0.2
Backlit LCD, multilingual, bar graphs, 6 lines, 4 concurrent values	■	■	■	■	■	■	■	■
Power and energy metering								
3-phase voltage, current, power, demand, energy, frequency, power factor	■	■	■	■	■	■	■	■
Multi-tariff	—	—	4	4	4	4	8	8
Power quality analysis								
THD, thd, TDD	■	■	■	■	■	■	■	■
Harmonics, individual (odd) up to	15th	15th	31st	31st	31st	31st	63rd	63rd
I/Os and relays								
I/Os	1DO	1DO	2DI/2DO	2DI/2DO	2DI/2DO	2DI/2DO	4DI/2DO	4DI/2DO
Relays	0	0	0	0	2	2	0	0
Alarms and control								
Alarms	35	35	35	35	35	35	52	52
Set point response time, seconds	1	1	1	1	1	1	1	1
Single and multi-condition alarms	—	—	■	■	■	■	■	■
Boolean alarm logic	—	—	—	—	—	—	■	■
Communications								
Serial ports with modbus protocol	—	1	1	—	1	—	1	1
Ethernet port with Modbus TCP protocol	—	—	—	1	—	1	2**	2**

** 2 Ethernet ports for daisy chain, one IP address.