

Three-Phase Digital Multifunction Panel Meter with Ethernet

This multifunction power meter is a three-phase device for electrical network power quality detection. It provides data on energy consumption, generation, total harmonic distortion, and individual harmonics.



ADDITIONAL IMAGES



Overview

Advanced Electrical Monitoring

The APM-96Y is a high-precision multifunction power meter designed for comprehensive monitoring of 3P4W or 3P3W electrical systems. It provides essential data for transformers, generators, and industrial motors, offering advanced features like harmonic analysis, multi-tariff recording, and waveform snapshots. With versatile connectivity options including RS-485 and Ethernet, it integrates seamlessly into automated energy management systems.

Measurement Capabilities

Accuracy Class

Class 0.2

Measured Parameters

Voltage, Current, Frequency, Active Power, Reactive Power, Apparent Power, Energy (Active/Reactive), Power Factor, Harmonics (1-15), THD%

Current Input

.../5 A or .../1 A

Technical Specifications

Power Supply Range

85-265 VAC/DC

Communication

RS-485, Modbus/RTU, Ethernet

Galvanic Insulation

Yes

I/O and Expansion

Expansion Modules

- 2-Channel Relay Output (2DO)
- 4-Channel Switch Input (4DI)
- 2-Channel Analog Output (2AO)

Data and Analytics

Event and Data Records

Feature	Capacity
Multi-tariff (TOU) Record	3 Months
SOE Records	100 Events
Waveform Snapshot	1KHz (1s duration)

Virtual Alarm Triggers

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