

Three-Phase Multifunction Ethernet Panel Meter

This three-phase multifunction meter is a smart power monitoring device with high precision. It features direct access keys, a backlit LCD display, and advanced measurement parameters such as individual harmonic readings.



ADDITIONAL IMAGES



Overview

High-Performance Power Monitoring

The APM-96J is a high-end multifunction power meter designed for precise monitoring and measurement of three-phase power systems. It replaces multiple traditional analog instruments, improving system reliability while simplifying on-site wiring and reducing overall costs. With advanced harmonic analysis and event logging, it provides a comprehensive solution for distributed detection, automatic control systems, and online monitoring.

Measurement Capabilities

Measured Parameters	Voltage, Current, Frequency, Active Power, Reactive Power, Apparent Power, Energy, Power Factor, Harmonics, THD
Accuracy Class	0.2
Current Input Range	.../5 or .../1 A

Technical Specifications

Communication Protocols

- RS-485 Modbus/RTU
- Ethernet (TCP)

Power Supply	85-265VAC/DC
Display	Backlit LCD

Advanced Features

Advanced Electrical Metrics

Max Demand • Unbalance • Crest Factor • K-Factor

Event Logging Capacity

50 events

Harmonic Analysis

2nd to 31st order

Connectivity & Expansion

Expansion Modules

Interface Type	Configuration
Relay Output (DO)	2-channel
Switch Input (DI)	4-channel
Analog Output (AO)	2-channel
Pulse Output (PO)	2-channel