

# 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	
<ul style="list-style-type: none"> <li>RS-485 Modbus/RTU</li> <li>Ethernet (TCP)</li> </ul>	
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