

Multifunction Panel Energy Meter with Harmonics Measurement

This multifunction panel energy meter is designed for comprehensive energy monitoring and management. It features true RMS measurements and THD with 2-31st harmonics.



ADDITIONAL IMAGES



Overview

Advanced Multifunction Energy Monitoring

This programmable intelligent three-phase energy meter utilizes advanced AC sampling technology to provide precise monitoring of voltage and current across grid systems. Designed for industrial and commercial applications, it facilitates comprehensive energy management through real-time display and seamless integration with control systems. The device supports harmonic analysis up to the 31st order and offers flexible input/output configurations for enhanced operational control.

Technical Specifications

| | |
|------------------------|---------------------|
| Active Energy Accuracy | Class 0.5 |
| Frequency Range | 55 Hz |
| Auxiliary Power Supply | AC/DC 85~265V |
| Pulse Output Range | 1600-160000 imp/kWh |

Power Consumption

Power Consumption Details

0.5 VA

Voltage Circuit

0.5 VA

Current Circuit

10 VA

Auxiliary Supply

Capabilities

I/O Configurations

- Optional 4DI & 2DO
- Optional 2DI & 2DO & 2AO
- Standard Energy Pulse Output

Measurement Capabilities

True RMS, THD Measurement, 2-31st Harmonics, Max/Min Log, Timestamping