

Single Phase Electronic Watt-Hour Meter

This single-phase electronic watt-hour meter accurately measures active and reverse power. It includes reverse or infrared RS485 communication and a switch function.



Overview

Precision Energy Measurement

The Single Phase Electronic Watt-Hour Meter provides accurate monitoring of electrical energy consumption for residential and commercial applications. It supports advanced features including reverse power measurement, infrared communication, and RS485 connectivity for remote data access. Designed for reliability, this unit integrates seamlessly into modern energy management systems with robust pulse output capabilities.

Technical Specifications

Impulse Constant

800 imp/kWh
Impulses

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|-----------------|---------|
| Rated Voltage | 220 V |
| Rated Frequency | 50 Hz |
| Current Rating | 20(80)A |

Features & Connectivity

Advanced Functions

- Active power measurement
- Reverse power detection
- Switch function
- 12-month zero history electricity tracking
- Pulse output

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|--------------------------|-----------------|
| Communication Interfaces | Infrared, RS485 |
|--------------------------|-----------------|

Compliance

Standards Compliance

GB/T 17215-2002