

Digital Electricity Meter

This digital electricity meter is designed for measuring electrical energy consumption. It is available in single-phase and three-phase models, with various current ratings and compliance with IEC standards.



ADDITIONAL IMAGES



Product Overview

Advanced Digital Energy Metering

This digital energy meter utilizes advanced microelectronic technology and SMT manufacturing to provide high-precision active energy measurement. Designed for efficiency and reliability, the unit features a compact DIN rail mount, low power consumption, and a clear LCD display. It is fully compliant with international standards, making it an ideal choice for smart city infrastructure, commercial energy management, and modern electrical network reform.

Single-Phase Metering

Rated Voltage	220 V
Current Rating	5(80)A
Pulse Output	1600 imp/kWh

Three-Phase Metering

Rated Voltage	3x220/380
Current Rating	3x10(40)A
Pulse Output	400 imp/kWh

Smart & IoT Features

Key Capabilities

- LoRaWAN wireless transmission
- IC card pre-paid functionality
- Power metering and load control
- Customer information management
- Human damage alarm
- Low voltage alarm

Controller

ARM Cortex-M3 32-bit RISC

Compliance & Standards

Operating Frequency

50 Hz

Standard

60 Hz

Optional

Certifications

IEC 62053-21, IEC 61036 Class 1, GB/T 17215.321-2008, GB/T 18460-2001