

Single Phase Electronic Energy Meter

This single phase electronic energy meter is designed for residential and light commercial applications. It accurately measures electrical energy consumption with overload and alarm indicators.



ADDITIONAL IMAGES



Product Overview

Smart Prepayment Metering Solution

This single-phase electronic energy meter is designed for precise electricity consumption measurement in residential and light commercial environments. It features an advanced prepayment system that allows users to purchase energy upfront, ensuring effective power management and consumption control. With integrated security encryption and automatic overload protection, this device offers both reliability and operational efficiency for modern utility management.

Technical Specifications

Accuracy Class

1.0 • 2.0

Phase

Single Phase

Measuring Range

80 A

Output Voltage

150-250V AC

Operating Temperature

-25 to 55 °C

Dimensions

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115 mm

Width

174 mm

Height

66 mm

Depth

Key Features

Core Functionalities

- Prepayment-based energy consumption
- Automatic power cutoff upon energy depletion
- Dual display: Digital nixie tube for remaining credit and mechanical counter for total consumption
- Configurable low-energy alarm (default 10kW.h)
- Overload monitoring with automatic power supply resumption
- Advanced encryption algorithm for data security
- High-reliability magnetic latching relay

IC Card Read Cycles

1000000