

Single Phase Prepayment Energy Meter

This single-phase electronic prepayment watt-hour meter is designed for residential and light commercial applications. It operates at 220V, 5(60)A, and 50Hz and complies with IEC 62053-21 standards.



Product Overview

Professional Prepayment Energy Metering

The Single-Phase Electronic Prepayment Energy Meter is a precision instrument designed for active power measurement in residential and light commercial environments. It features an integrated prepayment system, allowing for flexible 'buy-before-use' energy management and effective load control. Engineered for reliability, this meter ensures accurate billing and grid monitoring at a rated frequency of 50Hz.

Technical Specifications

Rated Voltage	220 V
Current Rating	5(60)A
Rated Frequency	50 Hz
Accuracy Class	1
Standards	IEC 62053-21

Features

Metering Functions

- Accumulated energy measurement
- Energy left display
- Maximum demand tracking
- Time of day power monitoring

Control and Security

- Prepayment buy-before-use function
- Load control functionality
- Warning and tripping thresholds
- Anti-tampering protection