

Smart Card Prepaid Electric Meter

This electric meter is designed for prepaid applications in both single-phase and three-phase power systems. It utilizes smart card technology for secure data storage and convenient energy management.



ADDITIONAL IMAGES



Overview

Intelligent Prepaid Energy Management

This advanced digital energy meter provides a robust solution for modernized electric power systems. By utilizing integrated circuit smart card technology, it enables efficient prepayment billing, load management, and user information tracking. The device is engineered to support both single-phase and three-phase configurations, making it highly adaptable for diverse residential and commercial environments.

Technical Specifications

Supported Voltages

- 220V (Single-Phase)
- 3x220/380V (Three-Phase Four Wires)
- 3x100V (Three-Phase Three Wires)

Compliance Standards

IEC 62053-21:2003, Digitized Electronic Measurement

Performance Metrics

Performance Metrics

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Accuracy Class

0.5 s/Day

Clock Accuracy

1 W/phase

Power Consumption

Operating Features

Safety Protections

Over Voltage Protection • Over Current Protection • Over Load Protection • Interface Anti-Attack

Communication Modes

- Infrared
- RS485
- Carrier Communication