

Single Phase Multi-Tariff Energy Meter

This single phase multi-tariff electronic meter uses advanced ASIC, LCD, and SMT technology and is designed with time-of-use (TOU) or step tariff functions. The meter is characterized by its high accuracy, reliability, low power consumption, and extended lifespan.



Overview

Advanced Multi-Tariff Metering

This single-phase multi-tariff electronic energy meter utilizes advanced ASIC, LCD, and SMT technology to provide precise energy measurement. Designed for reliability and longevity, it supports time-of-use (TOU) or step tariff functions, making it an ideal solution for modern energy management. It features comprehensive data logging capabilities, including event tracking and power outage readings, ensuring data integrity and operational transparency.

Electrical Specifications

Reference Voltage	120V, 220V, 230V, 240V
Rated Current	10(60)A
Reference Frequency	50/60Hz
Power Consumption	<1W, 10VA

Performance & Accuracy

Accuracy Class	Class 1
RTC Deviation	d0.5/d
Expected Service Life	15 years

Operating Environment

Operating Temperature Range	-25°C to +60°C
Limited Temperature Range	-40°C to +70°C

Communication & Compliance

Communication Interfaces

- RS485
- Far Infrared

Compliance Standards

- IEC62052-11
- IEC62053-21
- DL/T645 2007

Physical Dimensions

Product Dimensions	170.5mm x 112mm x 58mm
Net Weight	0.6 kg