

Three-Phase Electronic Prepaid Energy Meter

This three-phase electronic multi-function watt-hour meter utilizes large-scale integrated circuits, digital sampling technology, and SMT technology. It is designed for accurate measurement and prepayment management of electrical energy consumption.



Overview

Three-Phase Prepaid Energy Meter

This three-phase, four-wire electronic energy meter is designed for precise measurement and efficient prepayment management of electrical consumption. Utilizing advanced large-scale integrated circuits and digital sampling technology, it ensures high reliability and accuracy in diverse industrial and commercial environments. The device supports both active and reactive energy measurement, providing comprehensive monitoring capabilities for modern electrical systems.

Technical Specifications

Current Rating

10 A

Rated Current

40 A

Maximum Current

Voltage Rating

3x220/380V

Frequency

50 Hz

Performance & Accuracy

Accuracy Classes

Energy Type	Class	Impulse Constant
Active Energy	1	800 imp/kWh
Reactive Energy	2	800 imp/kvarh

Features

Key Features

- Three-phase, four-wire configuration
- Prepayment management capability
- Infrared communication interface
- Active and reactive energy measurement
- Status indication with alarm and pulse output

Compliance

Standards Compliance

GB/T 18460.3-2001, GB/T 17882-1999