

# 220Vac WiFi Single Phase Smart Energy Meter with LCD

This single-phase smart energy meter is designed for domestic use with 220V systems. It features WiFi connectivity and an LCD interface for convenient monitoring.



## ADDITIONAL IMAGES



## Overview

### Professional Multi-Channel Metering

The MCM series is a high-precision, multi-channel power meter designed specifically for feeder loops and branch circuit monitoring. It offers real-time electrical parameter measurement, energy consumption tracking, and power quality analysis in a compact, DIN-rail mountable form factor. With its 0.5 class accuracy and versatile I/O capabilities, it serves as an efficient solution for reducing equipment investment and maintenance costs in electrical projects.

## Key Features

### Core Features

12 Channels, Single Phase Metering, 0.5 Accuracy Class, Harmonic Analysis, DIN-Rail Mountable, Real-time Monitoring

## Measurement Capabilities

### Measurement Performance

**0.5**

Accuracy Class

**12**

Channels

**1.6 inch**

Display Size

## Electrical Specifications

Voltage Measurement Range	18 - 520 VAC (Direct)
Current Measurement Input	100mA or 333mV
Frequency Range	45 - 65 Hz
Auxiliary Power Supply	85-265 VAC/DC

## Communication & I/O

### I/O Configuration

Port Type	Quantity
Digital Input (DI)	6
Relay Output (DO)	2

### Communication Protocols

RS485, Modbus RTU