

# Single Phase Energy Meter

This single phase energy meter is designed for measuring electrical energy consumption. It features a digital display and pulse output for remote monitoring.



## ADDITIONAL IMAGES

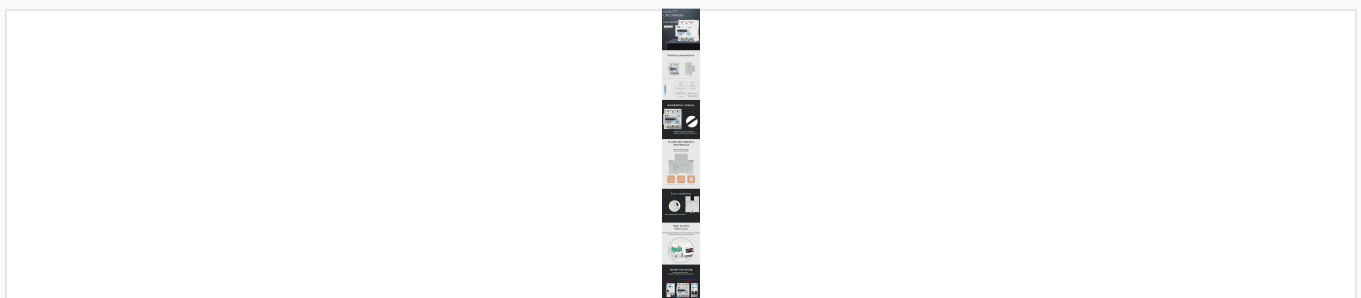


## Overview

### Precision Energy Measurement

This single-phase modular energy meter is engineered for reliable and accurate measurement of electrical energy consumption in residential and light commercial settings. Featuring a robust design with flame-retardant ABS materials and advanced SMT technology, it ensures long-term durability and measurement precision. The unit supports standard 35mm DIN rail installation, facilitating easy integration into existing distribution boards.

## Technical Specifications



Detailed technical parameters and construction overview for the ADM100S series.

Rated Voltage	230 V
Rated Current	20(100)A
Frequency	50 Hz
Accuracy Class	1
Starting Current	0.4%Ib
Impulse Rate	800 imp/kWh
Compliance Standards	IEC62053-21, CE

## Features

### Construction Materials

Flame Retardant ABS • Injection Molded Shell

### Display Configuration

6+1 digits (step and machinery counter)

### Installation

35mm DIN rail

### Connection Method

Standard configuration type S

## Performance Metrics

### Key Performance Metrics

**1 Class**

Accuracy Class

**800 imp/kWh**

Pulse Output