

# Single Phase Energy Meter

This single-phase energy meter measures electrical energy consumption. It features a 5(20)A current rating at 220V and operates at 50Hz.



## Overview

### Single Phase Induction Energy Meter

The DD862 series is a high-performance induction-style energy meter designed for accurate measurement of single-phase electrical consumption at a rated frequency of 50Hz. Built for indoor installation, it features a robust mechanical counter for reliable energy tracking in residential and commercial environments. This meter is engineered to operate within a wide temperature range and complies with international standards for energy measurement.

## Key Performance Metrics

### Key Performance Metrics

**220 V**

Rated Voltage

**50 Hz**

Rated Frequency

**720 r/kW-h**

Meter Constant

## Technical Specifications

Rated Current	5(20)A
Accuracy Class	2
Standards Compliance	GB/T15283-94, ISO 9001, CE, CB, SEMKO

## Operating Environment

Ambient Temperature	-10°C to 50°C
Relative Humidity	Below 85% (at 25°C)

## Model Variants



Comprehensive technical data for the DD862 and DT862 series, including environmental requirements and model variations.

### Model Comparison Table

Model	Type	Rated Current (A)	Connection
DD862-4	Single-phase	2.5(10), 5(20), 10(40)	Direct Connection
DD862-2	Single-phase	15(60), 20(80), 30(100)	Direct Connection
DT862-4	Three-phase four-wire	5(20), 10(40), 15(60)	Direct Connection
DT8	Three-phase	1.5(6), 3(6)	Current Transformer

## Installation

### Installation Type

Indoor • Wall Mount