

# Single Phase Digital Energy Meter

This single-phase, two-wire digital energy meter accurately measures electrical energy consumption. Operating at 240V with a frequency of 60Hz, it supports a 10(60)A current rating and provides 1600 impulses per kWh.



## Product Overview

### Precision Energy Monitoring

The DDS28-T Single Phase Two Wire Electronic Active Energy Meter utilizes advanced micro-electronics and large-scale integrated circuits to ensure high-precision consumption measurement. Built with SMT technology and specialized measurement chips, this meter offers a wide dynamic working range and superior overload capacity. It is fully compliant with international standards, providing a reliable and long-lasting solution for residential and light commercial energy monitoring.

## Technical Specifications

### Rated Current

**10 A**

Base Current

**60 A**

Max Current

### Accuracy Class

Class 1

### Operating Voltage & Frequency

240V, 60Hz

### Impulse Constant

1600 imp/kWh

## Features

### Device Highlights

- Bidirectional measurement capability
- Reverse energy calculation (recorded as forward)
- Specialized ADE7755 measurement chip
- High overload capacity (over 10 times)
- High reliability and long-life electronic components

### Standards Compliance

IEC 62053-21 • IEC 62053 Class 1

### Terminal Protection

Short/Long terminal cover available