

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