

Single Phase Smart Prepayment Energy Meter with LCD Display

This single phase smart energy meter is equipped with a large LCD display for easy viewing of energy data. It supports multi-tariff functionality and features a built-in memory for storing historical power consumption data.



Overview

Smart Prepayment Solution

The DDZY1277 is a professional-grade single-phase two-wire smart energy meter engineered for accurate active energy measurement. Designed for high reliability, it features an intuitive LCD interface and supports advanced prepayment standards. With versatile communication options including 4G/2G and PLC/RF, it is an ideal solution for remote monitoring and utility management.

Electrical Specifications

Current Range

5 A

Nominal Current

100 A

Maximum Current

20 mA

Starting Current

Accuracy Class

Class 1

Nominal Voltage

230 V

Technical Standards

Certified Standards

IEC62052-11, IEC62053-21, IEC62056-21, IEC62056-53, IEC 62056-41, IEC62055-31

Technical Specifications

Operating Conditions

Parameter	Value
Operating Temperature	-40 to +70
Relative Humidity	95% at 45 (non-condensing)
Protection Level	IP54

Communication Modules

- 4G/2G (optional)
- PLC/RF (optional)
- Optical communication

Physical Dimensions

206mm (L) x 119mm (W) x 78mm (H)