

# 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)