

# Single Phase Smart Energy Meter with Remote Control

This single-phase smart energy meter allows for remote control of electrical energy consumption. Operating at 220V and 50Hz, it accurately measures energy usage with 1200 impulses per kWh.



## Product Overview

### Intelligent Energy Management

The DDZY285-J is a high-precision single-phase smart energy meter designed for modern electrical monitoring and load control. It features multi-rate time-sharing capabilities, advanced remote communication interfaces, and robust data protection, making it an ideal choice for efficient active energy measurement in 50Hz or 60Hz AC power systems. Its intelligent cost-control and event logging features provide facility managers and utilities with actionable insights and reliable remote control capabilities.

## Electrical Specifications

Rated Current	60 A
Rated Voltage	220 V
Frequency	50 Hz
Pulse Constant	1200 imp/kWh

## Communication & Control

### Control Features

- Remote cost control
- Power switch-off capability
- Time-sharing rate setting
- Remote switch monitoring

Available Interfaces	RS485, Infrared, ZigBee, Wireless
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## Compliance & Data

### Key Data Features

- Forward and reverse active energy metering
- Data storage and freezing
- Power failure protection
- Event recording (tamper/overload/timing)

Standards	GB/T 17215.321-2006, DL/T 645-2007
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Event Record Capacity	10
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