

# Single Phase STS Split Type Prepaid Meter

This single phase STS split type prepaid meter provides metering, monitoring, alarm, display, communication, and load control. It utilizes the STS standard encryption algorithm for secure information exchange via TOKEN.



## Overview

### Smart Prepaid Metering Solution

The DDZY217(KP2-1) is a robust single-phase, split-type prepaid meter designed for efficient energy management in residential and light commercial settings. Utilizing the STS standard encryption algorithm for secure token-based credit exchange, it ensures high metering accuracy and reliable load control. The system features a separate Meter Unit (MU) and User Interface Unit (UIU), offering enhanced security against tampering and convenient user interaction.

## Key Features

### Core Functionalities

STS Standard Encryption, Load Control, Anti-Tamper, Friendly Power Supply, Event Logging

## Technical Specifications

### Accuracy Class

Active: Class 1

### Electrical Ratings

**230 V**

Reference Voltage

**50 Hz**

Reference Frequency

### Current Ratings

- 5(60)A
- 10(80)A

### Power Consumption

<1.5W, 6VA

## Environment & Durability

### Operating Temperature

-25°C to +60°C

### Design Life

15 years

## Communication & Interface

### Communication Ports

Optical Port, RS485

## Physical Dimensions

Size	150mm x 100mm x 40mm
Net Weight	0.7 kg

## Compliance

### International Standards

- IEC62052-11
- IEC62053-21
- IEC62055-41
- IEC62053-23
- IEC62055-51
- IEC62055-31