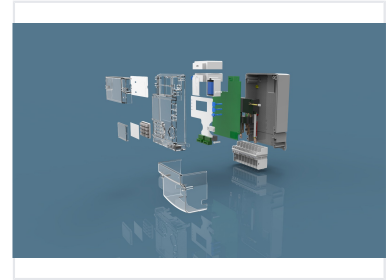


# Three Phase Smart Energy Meter with LCD Display

This three-phase smart energy meter is equipped with a large LCD display for convenient on-site data viewing. It supports multi-tariff functionality and real-time data transmission to a master station.



## ADDITIONAL IMAGES



## Product Overview



The DTZY1277-STS features a large LCD display and an intuitive keypad for user-friendly data management.

## Smart Energy Management

The DTZY1277 is an advanced three-phase, four-wire smart energy meter designed for high-precision utility monitoring. Featuring a large-size LCD display and an integrated keypad, it allows for seamless on-site energy data inquiry and management. With built-in network connectivity and large-capacity historical data storage, it provides real-time reporting to master stations and ensures full traceability of power consumption for both residential and industrial applications.

## Electrical Specifications

### Nominal Voltage

**400 V**

Nominal Voltage

### Current Range

**5 A**

Nominal Current

**100 A**

Maximum Current

**20 mA**

Starting Current

### Accuracy Class

| Energy Type     | Class   |
|-----------------|---------|
| Active Energy   | Class 1 |
| Reactive Energy | Class 2 |

## System Compatibility

### Compliance Standards

IEC62052-11, IEC62053-21, IEC62053-23, IEC62056-21, IEC62056-41, IEC62056-61

## Operational Conditions

### Internal Power Consumption

- Voltage Circuit: d2W (or 10VA)
- Current Circuit: d1VA

### Operating Temperature

-40°C to +70°C