

Three-Phase LoRaWAN Energy Meter

This three-phase, four-wire electronic watt-hour meter is designed for precise energy measurement and remote communication. It supports LoRaWAN connectivity for seamless integration into IoT networks, enabling remote monitoring and control of energy consumption.



ADDITIONAL IMAGES



Product Overview

Smart Three-Phase Metering

The DTS150 series is a highly accurate three-phase four-wire electric energy meter designed for smart grid and industrial IoT integration. Featuring LoRaWAN connectivity, it allows for seamless remote monitoring, automatic data uploads, and remote load control. Its robust design incorporates advanced anti-tamper technology and reliable SMT manufacturing for long-term stability.

Technical Specifications

Available Current Ranges

- 1.5(6)A
- 10(40)A
- 15(60)A
- 20(80)A

Rated Voltage	3*220V/380V
Accuracy Class	Class 1.0
Rated Frequency	50 Hz
Overall Power Consumption	0.8 W

Connectivity & Compliance

Communication Protocol	DL/T645-2007
Wireless Network	LoRaWAN
Standards Met	IEC62053-21, IEC62052-11, DL/T645-2007

Physical & Environmental

Normal Operating Temperature	-25°C to +55°C
Dimensions	218mm x 145mm x 72mm
Weight	1.5 kg
Design Life	10 years

Key Features

Advanced Functionalities

- Remote ON/OFF load control
- Intelligent anti-tamper protection
- Real-time online power display
- Digital pulse output function
- Automatic data upload via LoRaWAN