

# Poly-Phase Electronic Energy Meter

This poly-phase electronic energy meter is designed for measuring electrical energy in three-phase networks. Supporting a voltage range of 3x230/400V at 50Hz, it is suitable for residential, commercial, and industrial applications and features a digital display.



## Overview

### Advanced Energy Monitoring

The DTSD545 poly-phase multi-function meter is engineered for precise measurement of active and reactive energy across all four quadrants. Designed for versatility, it supports direct connections up to 100A as well as CT and CT/VT configurations. With robust design and flexible tariff control options, this meter provides reliable performance for diverse residential, commercial, and industrial energy monitoring applications.

## Technical Specifications

Voltage Rating	3x230/400V
Frequency	50 Hz
Current Range	5/60A (Direct connection up to 100A supported)
Standards Compliance	IEC, PN EN 62053-21

## Features

### Metering Capabilities

- Active energy measurement
- Reactive energy measurement
- 4-quadrant measurement
- Load profile recording (optional)

### Tariff Control Methods

External Control • Integrated Ripple Control • Time Switch

## Performance Metrics

### Performance Highlights

**100 A**

Max Direct Current

**4 Q**

Quadrant Support