

# Single Phase Multifunctional Energy Meter

This single-phase multi-functional electricity meter is designed for sub-metering and generation markets. It contains a swappable communication module.



## Product Overview

### Professional Multifunctional Energy Meter

The S2-M/T is a versatile single-phase electricity meter engineered for the sub-metering and power generation markets. Featuring a swappable communication module, it provides modular flexibility for various grid environments. The device is MID approved and capable of measuring both import and export energy, ensuring reliable performance and precision for professional monitoring applications.

## Electrical Specifications

### Key Performance Metrics

**230 V**

Rated Voltage

**100 A**

Max Current

**50 Hz**

Frequency

Active Power Consumption

1.5 W

## Certifications & Compliance

### Compliance Badges

MID Approved • IEC 62059 • IP53 Rated

Certification Details

TCM221/14-5207

## Technical Features

### Core Features

- kWh Import/Export measurement
- kvarh Import/Export measurement
- Optical communication port
- Pulse output support
- Maximum demand tracking
- Swappable communication module

## Environmental Data

### Operational Lifespan

Metric	Duration
Design Life	20 Years
Certification Life	15 Years

Operating Temperature Range

-25°C to +55°C