

Single Phase Smart Meter SMETS-2 Compliant

This single-phase smart meter is designed for domestic rollout markets. It integrates advanced metrology, communication, and security technology to meet SMETS2 requirements.



Product Overview

Smart Metering for Modern Grids

This single-phase smart meter is specifically designed for domestic rollout markets, integrating advanced metrology with robust communication security. Fully compliant with SMETS2 requirements, it features a swappable communication module that ensures future-proof versatility for energy suppliers. The device supports comprehensive power quality management and reliable DLMS-based data exchange.

Electrical Specifications

Connection Type	Direct connection, 1-phase 2-wire
Current Range	0.5A-10(100)A
Operating Voltage	(75%-120%) 230V
Frequency	50 Hz

Standards and Compliance

Key Standards	SMETS2, DLMS/COSEM, MID Class B, IEC62056-21, RoHS, Reach
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Communication

Communication Baud Rates

- Optical: 300 bps - 1200 bps
- Communication modules: 1200 bps - 9600 bps

HAN Communication	Zigbee Smart Energy Profile 1.X
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Environmental and Physical

Protection Rating

IP53

Lifespan

20 years

Design Life

15 years

Product Life

Operating Temperature	-25°C to +55°C
Dimensions	172mm (L) x 130mm (W) x 64mm (H)