

Current and Temperature Monitor For Smart Grids



Product Description

The IoTReady Smart Grid Monitor is an integral component in any data-driven electricity grid. It enables you to easily monitor currents and temperature in single and three phase networks. The modular design allows use with a wide range of wired and wireless protocols including Modbus, Ethernet, WiFi, GSM and LoRa. The monitor can be used in self-powered or externally powered modes. The built-in supercapacitor + battery combination is rated for up to 10 years of usage at room temperature.



Pictured - 3x 500A/1A CTs, GSM Data Logger

Key Features

- Supports standard current transformers: solid/split/Rogowski
- Compatible with IEC 61869-1
- Self-powered
- Standard, swappable communications interface supports wide range of wired and wireless protocols
- Comes with commissioning app for geo-tracking
- Optional support for up to 8 sensors

Function	Current & Temperature Sensor
Use	Smart Grid Monitoring
Supported Communication Interfaces	Modbus, Ethernet, RS485, USB, WiFi, BLE, GSM, LoRa
Power Source	Self-powered, or External 12V/1A adaptor
External Ports	USB 2.0, DC, Antenna
Base Construction	ABS+PVC
Operating Conditions	-20C to +60C 5% to 95% RH. non-condensing