

SimplMeter

Energy and Power Measurement

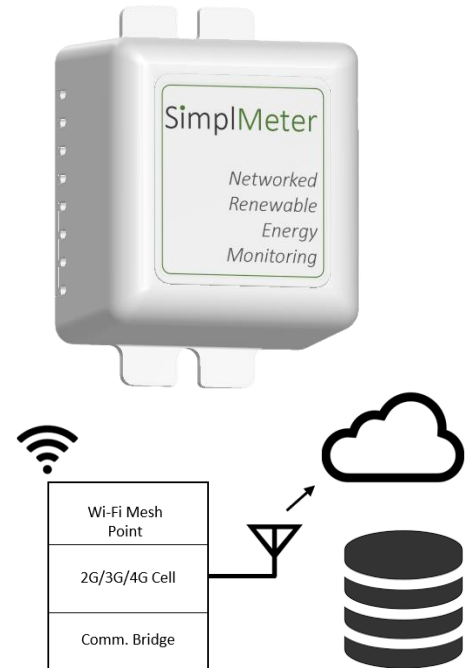
SimplMeter is a real-time energy and power measurement device for electricity. It is most often used as a decision-making device for optimizing energy consumption and minimizing electricity expenses while at the same time presenting a real-time picture of the pattern of energy consumption or energy generation.

Applications

- Energy Measurement and Reporting
- Automated load shedding in Demand-Response applications
- Demand shaving and Time-of-Use (TOU) arbitrage
- Solar only or solar + energy storage self-supply
- Micro-grid and Backup power
- Utility ancillary services

Key Differentiators

- Available for single-phase, split phase or 3-phase commercial applications using Rogowski Coil (rope) CTs.
- Connects to the Internet using Wi-Fi or 4G cellular connections.
- Available in single or dual-channel configurations.
- Dual channel units are generally used to measure overall electricity consumption and renewable energy generation simultaneously.
- All real-time data is stored and analyzed and is accessible using SimplWeb.



SimplMeter is equipped with fault-tolerant networking and SimplWeb which is a real-time monitoring application.

	SimplMeter Wireless Realtime, Dual Power and Energy Measurement		
Model Number	SimplMeter-0000		SimplMeter-0001
Number of Meters	1		2
Current Transformers	Meter is equipped with two, 1"-diameter CTs		Each Meter is equipped with two, 1"-diameter CTs
Phase/Meter	Split phase or 3-phase		
Voltage Range	100VAC to 480VAC		
Current Range with Different Size Rope CTs	1" Diameter CT 10 -100 A	4" Diameter CTs 10-1000A	8" Diameter CTs 10-5000A
Dimensions	2" W x 2" L x 1.5" D		
Environmental	IP67 rating; -30 °C to 60 °C at up to 95% RH		
Storage Temperature	-30 °C to 60 °C		
Communication Protocol	Private Wi-Fi Mesh Network based on Simpl Global's patent-pending technology		
Options	SimplMeter-0002: Add 1"-Diameter CTs SimplMeter-0003: Replace or Add 4"-Diameter CTs SimplMeter-0004: Replace of Add 8"-Diameter CTs		