

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.

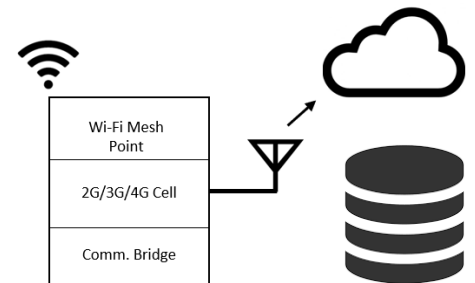


Applications

- 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
- 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 | SimplMeter Models | |
|------------------------|---|--------------------------------------|
| | Commercial and Industrial | |
| | SimplMeter-C | SimplMeter-2C SimplMeter-2C-Basic |
| Number of Channels | 1 | 2 |
| Voltage Rating | 100 to 480V (p-p) | |
| System Topology | Up to 3-Phase | |
| Current Transformers | 3 Rope CTs: 2500A ea. | 3 Rope CTs + 3 Clamp CTs: 800A ea. |
| Dimensions (L x W x D) | 9 3/4" x 9 3/4" x 5" | |
| Weight (lbs.) | 7.0 | 7.0 |
| Environmental | IP67 rating; -20 °C to 60 °C at up to 95% RH | |
| Storage Temperature | -30 °C to 60 °C | |
| Communication Protocol | Wi-Fi Mesh Network based on Simpl Global's patent-pending technology | |
| Options | Option-000: SimplWeb Realtime database and software Option-001: 4G cell connection to the internet (connection fees apply) Option-002: Real-time Display (only on -C and -2C) (indoors only) Option-003: (Wi-Fi) and Option-004 (4G): Bronze, Silver, and Gold data plans Option-005: Larger than 2500A CTs | |