

SimplLoads

Three-channel, Parametric Load Control

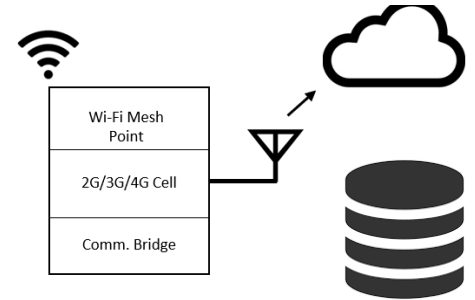
SimplLoads manages the peak electrical power consumption of a building. Non-essential loads are turned off and on using a variable timing algorithm which is designed to reduce peak power consumption without diminishing the usefulness and productivity of individual appliances or building systems.

How it Works

Non-essential loads are turned off and on using a variable timing algorithm which is designed to reduce peak power consumption without diminishing the usefulness and productivity of individual appliances or building systems. Up to three loads are managed by a single SimplLoads. Additional SimplLoads may be used to expand the overall capabilities of the system. Each load is assigned a priority and a set of other critical parameters that are designed to guide the overall system in its goal of reducing the demand portion of the electricity bill.

Key Differentiators

- Includes a revenue-grade power measurement element
- Uses an integrated tariff table to decide when a load should be turned off based on dollar savings.
- Up to three loads, expandable in increments of three additional loads per each additional SimplLoads installed.
- 4G or Wi-Fi Connectivity with mesh technology



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

SimplLoads	SimplLoads Models & Ordering Information		
Model Numbers	SimplLoads-sp	SimplLoads-3p	SimplLoads-mp
Measurement Channels	1		
Current Transformers	3 Rope CTs at up to 2500A ea.		
Included Load Topology	Three, split-phase loads at 30A each	Two, three-phase loads at 30A per phase	One, three-phase and one split-phase loads at 30A per leg
Dimensions (L x W x D)	9 3/4" x 9 3/4" x 5"		
Weight (lbs.)	7.0		
Environmental Storage Temperature	IP67 rating; -20 °C to 60 °C at up to 95% RH		
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: 25 HP, 3-phase Load Center Option-003: 50 HP, 3-phase Load Center Option-004: Custom-configured Load Center Option-005 (Wi-Fi) and Option-006 (4G): Bronze, Silver, and Gold data plans		