



Smart Plug | SF 9300  
User Manual



## **Introduction**

This smart energy plug-in switch is a transceiver which is compatible with Salusfin Home Gate.

Remote On/Off control of the connected load can be done from Salusfin Mobile Application. Each switch is designed to act as a repeater. Repeaters will re-transmit the RF signal to ensure that the signal is received by its intended destination by routing the signal around obstacles and radio dead spots.

This smart energy plug-in switch is able to detect voltage, current, power factor, Instant power wattage (5~3150W) and overload wattage (3010~3300W) of connected light or appliances. When detecting overload state, the Module will be disabled and it's On/Off button will be lockout of which LED will flash quickly for 30 seconds. However, unplug and re-connect the Module will reset its overload condition to normal status.

This plug-in switch can active sent out instant power wattage when variation over 5% or active sent out state change when manually push the ON/OFF button, this allows the controller to avoid polling the reading wattage value and state of the switch and can increase the efficiency of controller.

## **Features**

- Adopt Z-Wave protocol to secure the success of wireless two way communication
- Higher RF output power (+2.5dBm output power as compared to 2.5dBm 300 series Z-wave module) to enhance the communication range
- With zero crossing technology to extend the number of switching
- Easy install
- Very low Electricity consumption
- Overload protection

## Technical Specification

Power	No load standby power Input voltage	0.48W (230V) 90 ~240VAC
RF	Frequency Regulation  Distance	868.42 (EU) MHz FCC part15.249 / EN300 220-1/ min. 30m indoor min. 100m outdoor
Mechanical	weight  Dimension (W x H x D)	118 g  57.7x94.5x76.6 mm (Germany type PAN11-1)
Environment	Operation Temperature Humidity	0 ~ 40° C 85%RH max
Load	Resistive load incandescent load fluorescent load load return error rate 5W~40W load return error rate40W~3150W overload	3000W 1500W 320W  ±3W  ±5% 3300W

## Mounting Instructions

- Insert the Smart Energy Plug into a socket
- Press the button once
- The LED will light up when the plug is switched on.
- After clicking on the Smart Plug Install button on Home Manager page, you should get the device ready.
- The system will automatically find the Smart Plug.