

SmartPower 20

Power meter and switch

● Product Overview

SmartPower 20 Meter is a combined power meter and power circuit switch with two independent lines. The device has built-in Radio, two power meters and two power switches. The device is capable of receiving commands to turn on and off the 2KW power switches, and also send power meter information about the circuit electrical consumption. SmartPower 20 directly interfaces with SmartPower M100 device.



● Key Features

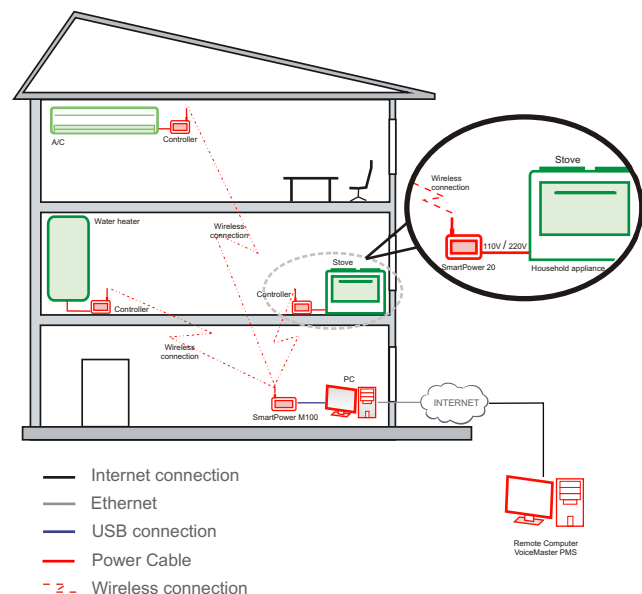
- Radio interface to SmartPower M100 controller
- Cover large areas by using Radio retransmit/relay protocol
- Connect up to 900m in open areas with direct line of sight (10mW)
- Connect up to 5km in open areas with direct line of sight (500mW)
- Minimal Electrical consumption (less than 50mW)
- Low-power radio transmitter (10mW) that can be upgraded to 500wW.
- Managed by a central software
- Two integrated electronic power meters

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● Home/Office Application

SmartPower allows easy management of home/office environments. It controls directly all underlying devices, isolates unusual power consumption, and allows real-time turn on/off of electrical appliances. SmartPower usually brings at least 30% reduction in power consumption by intelligent power tracking and management. The system also allows remote control over the SmartPower devices installed in the home or office.

HOME DIAGRAM



● Business Application

SmartPower allows easy management of street lights and industrial appliances. The system can also be used for shopping centers, factories, industrial buildings, and warehouses. It guarantees efficient tracking of electrical consumption and automated management of electrical lights and appliances. SmartPower guarantees at least 30% reduction in power usage when implemented properly. It uses an intelligent Power Management Software that runs on Linux or Windows and can be accessed locally or remotely.

BUSINESS DIAGRAM

