

SmartPower 10

High-power meter

● Product Overview

SmartPower 10 Meter is a high-power meter and power circuit switch with one circuit breaker that works for 60KW electrical loads. The device has built-in RS485 and Wireless interfaces and one power switch. The device is capable of receiving commands to turn on and off the 60KW switch using the RS485 and Wireless and also send power meter information about the circuit electrical consumption. SmartPower 10 directly interfaces with SmartPower M100 or SmartPower M200 device.



● Key Features

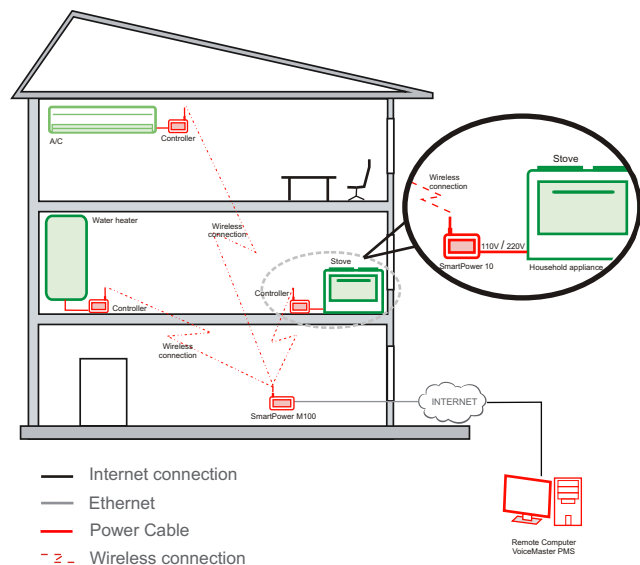
- Wireless interface to SmartPower M100
- Cover 300m of cable connection
- Minimal Electrical consumption (less than 50mW)
- Radio interface to SmartPower M100 controller
- High-capacity 60KW integrated circuit switch
- Managed by a central software
- Cover large areas by using Radio retransmit/relay 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)
- One integrated electronic power meter
- Low-power radio transmitter (10mW) that can be upgraded to 500mW

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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

