

Sonoff Pow R2

Model: IM171130001

- **Remote Control** –Turn electronic devices on/off from anywhere
- **Monitor Energy Usage** –Keep track of live power, current and voltage of your appliances on App
- **Historical Energy Consumption** –100-day daily/monthly energy usage data and total electricity cost
- **Overload Protection** –Set power, current and voltage threshold values to let appliances auto-off
- **Measure Power Usage for a Period** –Measure your appliances' power consumption for a specified time
- **Sync Status**–Real-time device status provided to App
- **Timing Function** –Supports 8 enabled scheduled/countdown timers
- **Share Control** –Invite your family to control your smart home together
- **Scene**–Turn on/off a gang of devices with one tap or triggered on/off by another smart device
- **Smart Scene**–Triggered on/off by temp, hum or other environmental conditions from a sensor
- **APP Supported** –Free iOS and Android eWeLink app
- **Compatibility** –Works perfectly with Amazon Alexa, Google Assistant, IFTTT, Google Nest

PRODUCT DESCRIPTION

Overview

Sonoff Pow R2 is a 15A WiFi smart light switch that allows you to remotely manage and control your appliances and monitor your home energy usage. The WiFi light switch works like a power monitor, which allows you to keep track of 99% accurate real-time current, voltage and power on your app.

The power switch can protect your appliances from overload. What you need to do is to set threshold values for the current, voltage and power. It works like a kwh calculator that can measure electricity consumption for a specified period and a day. The eWeLink app provides 100 days recorded electricity usage data, which you can export to your phone storage. You can keep track of how much energy your appliances are consuming and estimate your running costs.

With the Pow R2 power monitoring switch, you can spend less on your electricity bill. The timers schedule your appliances automatically power on and off at a defined time. The scene lets your appliances work together in new ways, like setting the heater auto-off when the door light is off.



Sonoff Pow R2

Smart Wi-Fi Switch with Energy Monitoring

Energy Monitoring



Remote
Control



Schedule
Timer



Overload
Protection



Energy
Saving



Share
Control



More Powerful, Higher Accuracy

Compared with Sonoff Pow, Sonoff Pow R2 has many new features and higher measuring accuracy.



POW R2



POW

Features	Monitor live current	Monitor live voltage	Monitor live power	Set threshold values to protect from overload	Measure power usage for a specified period	Export recorded power usage data
POW R2	✓	✓	✓	✓	✓	✓
POW	✗	✗	✓	✗	✓	✗



Specifications

Model: Sonoff POW R2

Input: AC 90-250V

Power: 3500W

Max. Current: 15A

Security: WPA/WPA2

WiFi Standard: 2.4GHz 802.11 /b/g/n

Features

- Remote turn on/off connected appliance via APP EWeLink
- Keep track of live current, voltage and power
- Set threshold values to protect your devices from overload
- Check power consumption over a specified period
- View and export 100 days recorded power usage data
- View real-time device status on EWeLink
- Supports 8 enabled schedule/countdown timers
- Share control your devices with other eWeLink users
- Works with Amazon Echo, Echo Dot, Amazon Tap
- Works with Google Home, Google Home Mini, Google Nest
- Works with IFTTT

Specification for Sonoff POW R2

- Voltage range: 100-240V AC
- Max current: 15A
- Max Power: 3500W
- Product Dimensions: 114*52*32mm

- Color: White
- Wireless Frequency: 802.11 b/g/n
- Security Mechanism: WPA-PSK/WPA2-PSK
- Enclosure Material: Fire-retardant ABS V0
- Operating Temperature: 0°C-40°C(32°F-104°F)
- Operating Humidity: 5%-90%RH, Non-condensing
- Weight:91.0g
- FCC([Download](#)), [Declaration of EU RoHS Conformity](#)

ADDITIONAL INFORMATION

Weight	91 g
Discontinued	No
Model	IM171130001
Link Wiki	No
Works With Google Nest	Yes
Works With Amazon Alexa	Yes
Works With Google Assistant	Yes
EWeLink Support	Yes