

RS-SmartHome

Instruction Manual

I. Introduction

The multi-functional smart device allows you to control the appliances in your home at any time and place. Simply power on the smart device and connect it to the 2.4GHz Wi-Fi network, and it can be managed and controlled via iOS and Android smart phones and tablets.

In the event of a blackout, the smart device will resume its last working state (ON or OFF) after power on again.

II. Use the application

1. Install the application

Download and install the "RS-SmartHome" application from App Store or Google Play. Scan the QR code to guide you through the installation of the app.



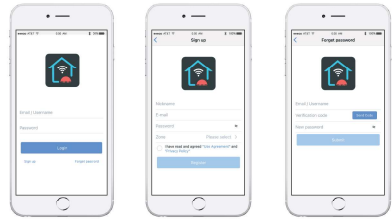
2. Registration and login

After downloading and installing the application, open the App application and click "Sign Up" on the lower left corner, please enter your nickname, email address, password and time zone in the opened page. After successful registration, the App will automatically log in.

Note: Please enter your valid email address during registration, once you forget the password later, you can reset it via email verification code.

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3. Reset password



- On the login page, click "Forgot Password" in the lower right corner.
- In the open page, enter your email address which you registered for your account, and click "Send Code" button, you will receive an email with a verification code.
- Find the verification code in your mailbox, and then fill it in "Verification Code" input box.
- Enter the new password and click Submit.

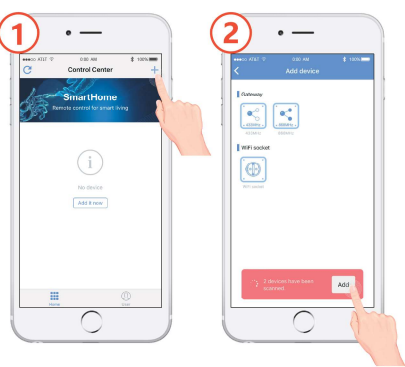
Note: If you want to register a new account and reset your device, you don't need to retrieve the old account, just register a new account and follow the steps in Chapter 5 to restore the smart device to the factory mode, and then refer to Chapter 4 to add the smart device to the new account.

4. Add smart device to the App

Connect the Smartphone to the 2.4GHz Wi-Fi network at home, and connect the smart device to the power outlet. Click the "+" button in the upper right corner of the App homepage, and select smart device type which you need to add, then follow the instructions of the App and operate.

After you select the device type, you will see two modes to connect the device to the network, you can choose any one of them, the detail as follows:

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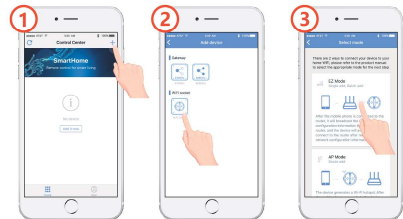
BT Mode

Connect the smart device to the power source and the indicator light starts flashes, indicating that the device is working in BT Mode. Whether the indicator flashes quickly or slowly, you can add devices through BT Mode.

If the light is not flashing or flashes 2 times per second, please press and hold the ON/OFF button on the smart device for about 5 seconds, you will see the indicator light start to flash.

Please place your phone as close to the smart socket as possible, turn on the Bluetooth switch of your phone, and then click the Add button in the upper left corner of the homepage. The red box at the bottom of the device list page will display "2 devices have been scanned", click on the right side of the red box Click the "Add" button, and then follow the instructions on the page to operate.

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EZ Mode (Quick mode)

Connect the smart device to the power source and the indicator light starts flashes slowly, indicating that the device is working in EZ Mode. If the light is not flashing or it flashes quickly or flashes 2 times per second, please press and hold the ON/OFF button on the smart device for about 5 seconds, you will see the indicator light start to flash slowly. Then select EZ Mode in the App, follow the instructions on the App to operate. This mode is through the data broadcast function of the router to search devices.

The advantage is faster and easier to operate. Moreover it supports adding one device or adding batch devices at a time. But there are very few brands router that do not support this function, so if you cannot find the device by this mode, we recommend that you use the AP Mode to add the device.



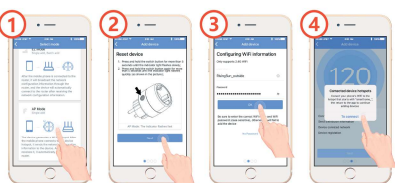
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AP Mode (Stable mode)

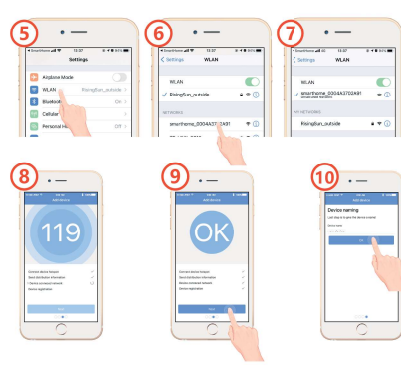
Connect and make smart device start flashes slowly (as described in EZ Mode), and then continue to hold down the ON/OFF button for about 5 seconds, you can see that the indicator light starts to flash quickly, indicating that the device is working in AP Mode. Then select AP Mode in the App, follow the instructions on the App to operate. This mode only supports adding one device at a time.

It works by turning on a WiFi hotspot when the smart device starts flashing quickly, and after the Smart phone connects to this hotspot and return to the App, and the App will automatically send the router name and password you entered to the smart device through the hotspot network, so when you connect to the WiFi hotspot from the smart device, if the phone reminds you that this WiFi hotspot has no internet connection, you need to ignore this warning and still keep connected between the phone and WiFi hotspot. Click "To connect", the app will automatically disconnect the WiFi hotspot after completing data transfer with the smart device, and the phone will automatically switch to the normal network.

If you want to exit AP Mode and use EZ Mode to add a device, please press the ON/OFF button again for more than 5 seconds, the blinking mode of the indicator light will change (flashes quickly to flashes slowly), and the mode will change accordingly.



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5. Restore device to Factory Mode

Normally the factory mode of the smart device is the EZ mode (the ON/OFF indicator will flash slowly). If the device is not working in factory mode, you can restore the device to factory mode by the following operations:

a. Press and hold the ON/OFF button on the smart device until the indicator light flashes, no matter whether you have smart sockets added to the App.

b. If added the device to the App, and the device displayed on the App is under "online" status, you can click the device on the App, and click the "Settings" icon in the upper right corner, and then click "Delete Device", the device will automatically return to the factory mode.

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Note: The proper nouns used in the text are listed in the red label on the yellow background. If you encounter red bold text during the full text translation, please use the proper nouns in the label, otherwise it will be inconsistent with the text on the App interface.

Proper Noun	
EN	Sign up
DE	Anmelden

Proper Noun	
EN	Forget password
DE	Vergessen

Proper Noun	
EN	Send Code
DE	Senden

Proper Noun	
EN	Verification code
DE	Code

Proper Noun	
EN	BLE Mode
DE	BLE-Modus

Proper Noun	
EN	EZ Mode
DE	EZ-Modus

Proper Noun	
EN	AP Mode
DE	AP-Modus

Proper Noun	
EN	To connect
DE	Verbinden

Proper Noun	
EN	Delete device
DE	Löschen Sie das Gerät

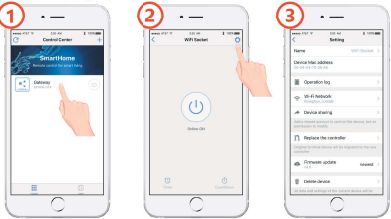
b. If added the device to the App, and the device displayed on the App is under "online" status, you can click the device on the App, and click the "Settings" icon in the upper right corner, and then click "Delete Device", the device will automatically return to the factory mode.

6. Turn on/off the smart device

Click the switch icon behind the added smart device to turn on/off the device on the homepage of the App, the on/off state of the button will be consistent with the power state of the smart device after successful operation.

7. More settings

Click the added smart device to open a new page, and then click the "Settings" icon in the upper right corner, you can see more function settings: Name, Timer, Countdown, Operation log, Delete device, Device sharing.

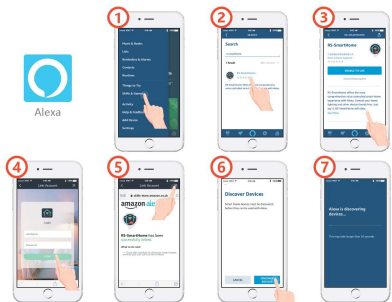


III. Link to More services

1. Work With Amazon Alexa

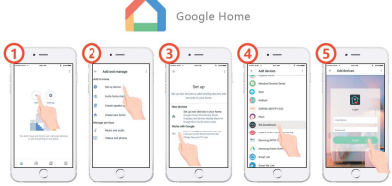
Access the Alexa Skills, then search for "RS-SmartHome" and enter the account you registered in the "RS-SmartHome" application (Chapter 2 of this document). After the connection is established, the Alexa will import smart device.

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2. Work With Google Assistant

Launch the Google Home application, then click the "+" icon on the homepage, and click the "Set up device" option, next click "Work With Google" and find "RS-SmartHome" in the list, and then click it and enter the account you registered in the "RS-SmartHome" application (Chapter 2 of this document).



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IV. Problem Guide

1. My device cannot be added to the App.

- EZ Mode (quick connect)**
- Check whether the AP isolation of the router is closed, and then check whether the current router frequency is 2.4GHz.
 - Check whether the location service switch of the mobile phone is turned on and the location authorization of the application is turned on.
 - Please check whether the WiFi password is correct.
 - Please keep the mobile phone, router and smart device very close.
 - During the network configuration process, please do not exit the application and switch the mobile network or turn off the device power supply.
 - Please check which step the application has been stayed in the process of adding devices. Please follow the steps below:
 - Initializing:** Please check whether your mobile phone network is normal.
 - Searching device:** Please check whether your WiFi network password is consistent with the WiFi password you entered, and then check whether the router is working normally, and then check whether the smart device is in the state of network distribution (referring to the indicator light flashes slowly once per second).

AP Mode (stable mode)

- Please check whether the smart device is in AP Mode (the indicator light flashes quickly).
- Please check whether the WiFi name and password are correct. Please notice the capital letter and smaller letter of WiFi name.
- Please check whether the current router frequency is 2.4GHz.
- Please check whether the cellular data of the mobile phone is turned off.
- Please check which step the application has been stayed in the process of adding devices. Please follow the steps below:
 - Connect device hotspot:** Please check whether the name of the connected hotspot starts with "smarthome".
 - Send distribution information:** Please make sure that the mobile hotspot and smart device are always connected together. If you see the prompts "The current WiFi does not seem to be connected to the Internet, do you want to switch to another network?", please select "Do not switch and keep connected".
 - Device connected network:** Please check whether the smart device is connected to the network (the indicator light keeps on or go out). If the device is not connected to the network, please check whether the router can access the Internet normally. If the device is connected to the Internet, please check whether the phone is accessing the Internet normally.
 - Device registration:** Please check whether your phone can access the network normally.

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2. My device cannot connect to Amazon Alexa or Google Assistant.

Before authorizing and binding the App account to Amazon Alexa or Google Assistant device, please add a smart device to the RS-SmartHome App. Smart device cannot be directly connected to Amazon Alexa or Google Assistant device, you must bind your account in the RS-SmartHome App with Amazon Alexa or Google Home App firstly.

3. My smart device or App does not have AP Mode

Please check the App version and firmware version of the smart device and keep it up to date.

V. Other instructions

- When the WiFi network signal is unstable, the device indicator flashes twice per second. During this period, the original working state of the device will not change.
- After the WiFi network is disconnected midway, the original working status of the device will not change.
- After the device is powered off, re-energizing will not change the original working state of the socket.

VI. Compliance

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This device has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This device generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this device does cause harmful interference to radio or television reception, which can be determined by turning the device off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the device and receiver.

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--Connect the device into an outlet on a circuit different from that to which the receiver is connected.

--Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC Radiation Exposure Statement
The antennas used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located for operating in conjunction with any other antenna or transmitter.

VII. About this Doc

Doc Version: 1.1.20211109

The version number of the app used in this document:

RS-SmartHome: 4.11

Amazon Alexa: 2.2.288637.0

Google Home: 2.13.109

VIII. About this product

Name: WiFi Smart Plug

Model No.: RSN011R, RSN021R

Input Voltage: 120V AC 60Hz

Max Current: 15A

Max Load: 1800W Resistive

Working Temp: -20~50°C

Bluetooth version: 5.0

WiFi Frequency: 2.4GHz Only

For any inquiry or customer service, please email us: sales1@risingsun-elec.com

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Proper Noun	
EN	Timer
DE	Timer

Proper Noun	
EN	Operation log
DE	Betriebsprotokoll

Proper Noun	
EN	More services
DE	Mehr Dienstleistungen

Proper Noun	
EN	Work With Google Assistant
DE	Work With Google Assistant

Proper Noun	
EN	Name
DE	Name

Proper Noun	
EN	Countdown
DE	Countdown

Proper Noun	
EN	Device sharing
DE	Teilen des Geräts

Proper Noun	
EN	Work With Amazon Alexa
DE	Work With Amazon Alexa

Proper Noun	
EN	Initializing
DE	Initialisierung

Proper Noun	
EN	Searching device
DE	Das Gerät wird gesucht

Proper Noun	
EN	Connect device hotspot
DE	Verbinden Sie den Geräte-Hotspot

Proper Noun	
EN	Send distribution information
DE	Verteilungsinformationen senden

Proper Noun	
EN	Device connected network
DE	Das Gerät ist mit dem Netzwerk verbunden

Proper Noun	
EN	Device registration
DE	Geräteregistrierung