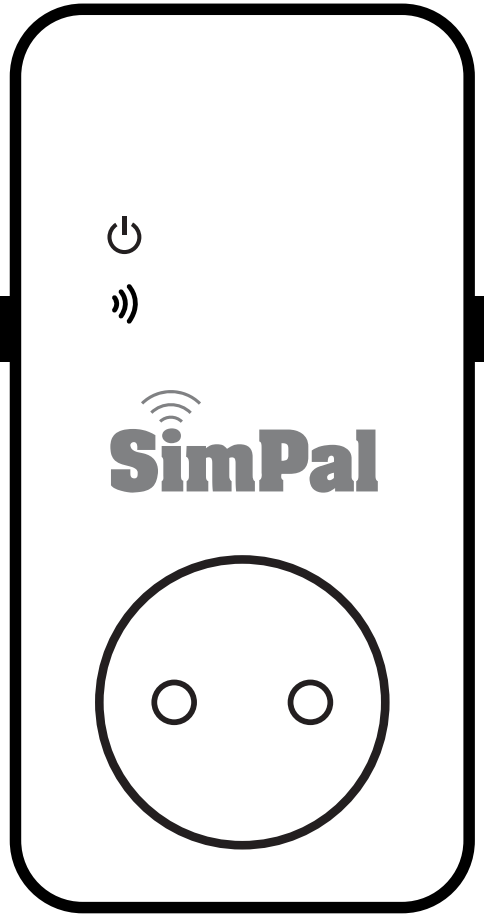


SimPal-W230

WiFi Temperature Plug

User Manual

Manual version 1.0

Free APP "SimPal WiFi Plug"

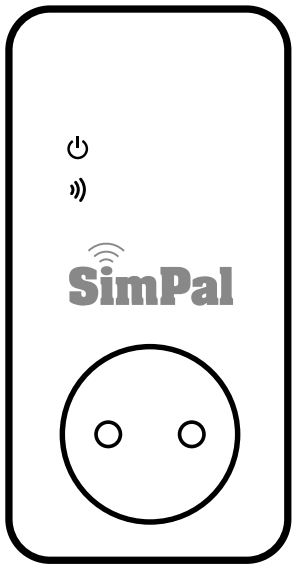
Available on Google Play

Available on App Store

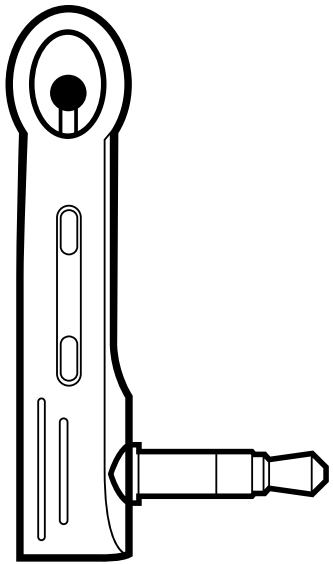
CONTENT

1.1 Package contents 2
1.2 Sockets instructions 3
1.3 Light indicator 4
1.4 Beeper 5
2.1 Install APP 5
2.2 Set up WiFi account 6
2.3 Register device on APP 7
2.4 Device list 8
2.5 Power control 9
2.6 Temperature settings 10
2.7 Schedule settings 11
2.8 Alarm settings 12
2.9 Reset factory settings 13
3.0 Technical Specification: 13

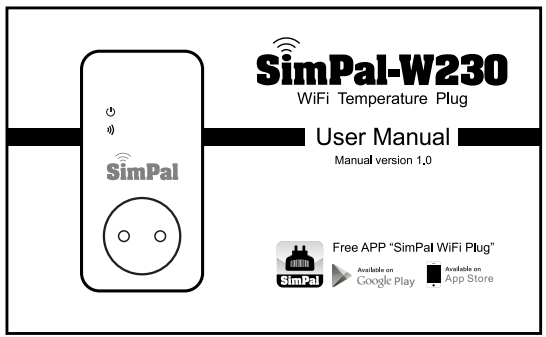
1.1 Package contents



WiFi plug
（1 unit）



Temperature sensor
（1 PC ）



User manual
（1 PC ）

1.2 Sockets instructions

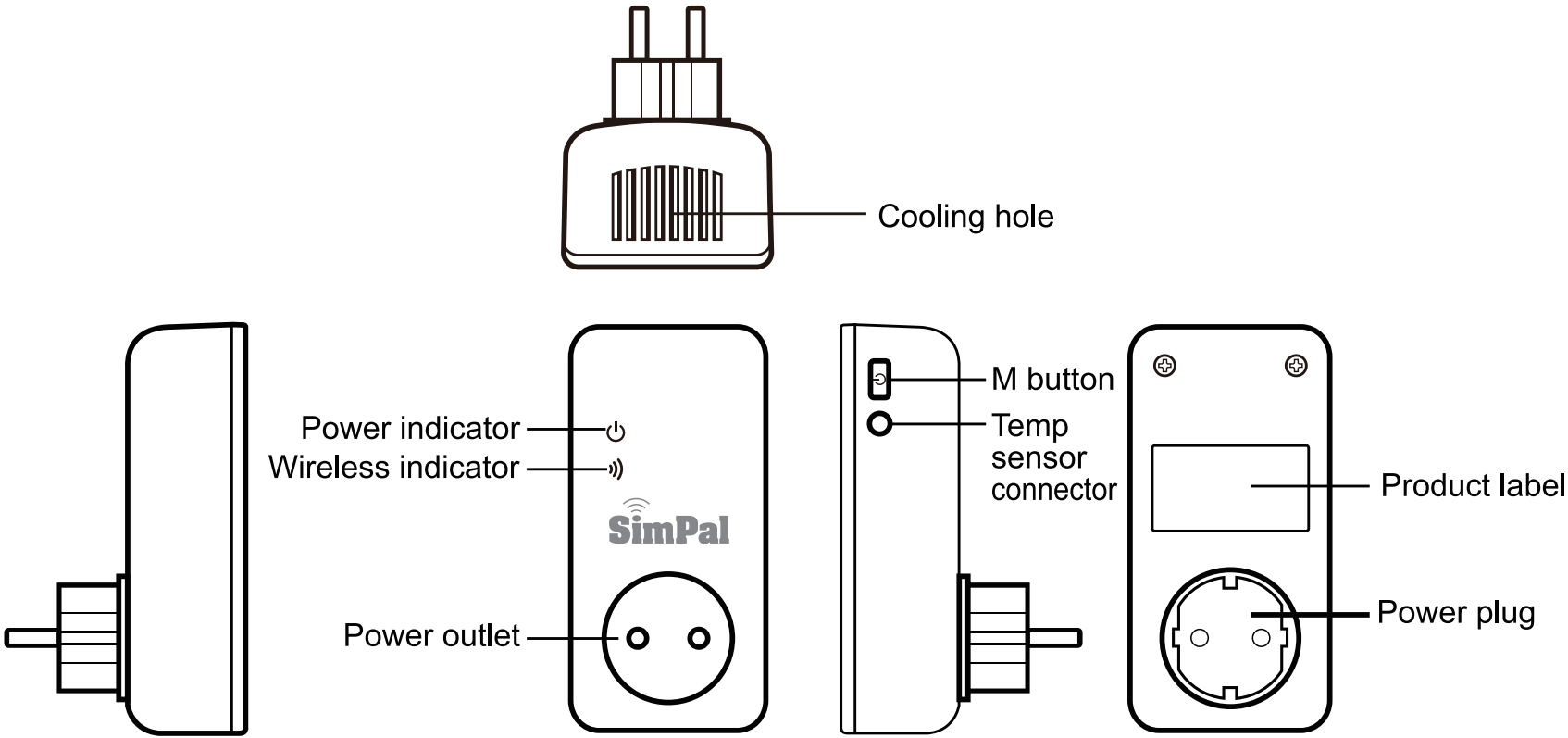


Figure 1:SimPal-W230 instructions

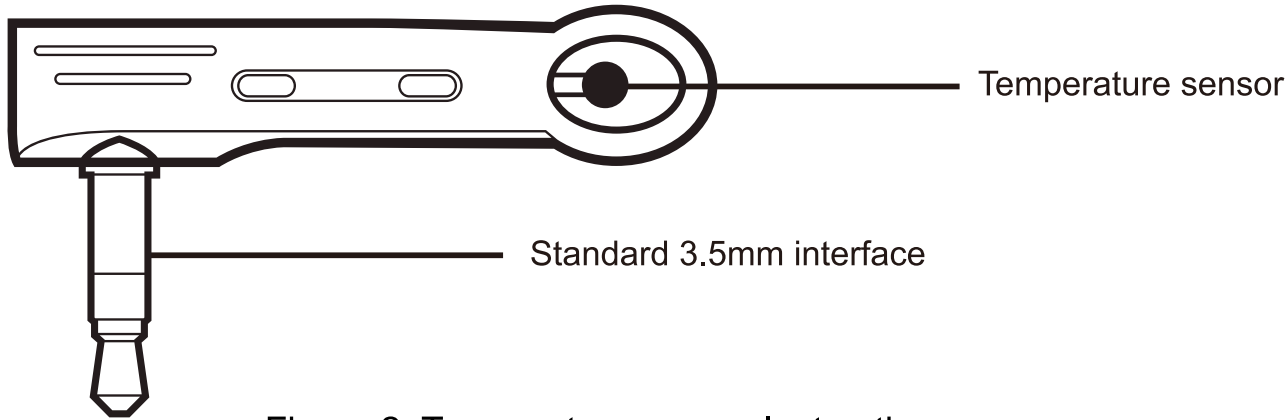


Figure 2: Temperature sensor Instruction

1.3 Light indicator

Model	Indicator	Action	Status
SimPal-W230	Power indicator	Turning off	Socket power output OFF
		Constant light	Socket power output ON
	Wireless indicator	Flash slowly	Connecting WiFi or register on server.
		Slowly breath	Working in standby mode.
		Constant light in 3 seconds	Rest to factory setting
		Flash fast	Process data

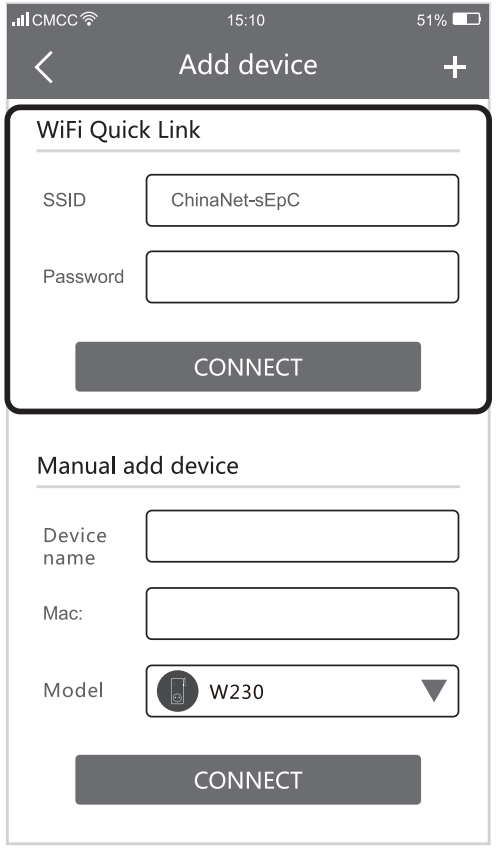
1.4 Beeper

One short beep	Press M button on/off
One long beep	Success to register the device on APP. Success to set-up WiFi.
Two short beep	Request to register the device Success register on server.
Three short beep	Failed to register on server.
Five short beep	Failed to connect WiFi

2.1 Install APP

Download “SimPal WiFi Plug” APP and install on your Android or IOS smart phone. All operation and settings will be done on APP.

2.2 Set up WiFi account



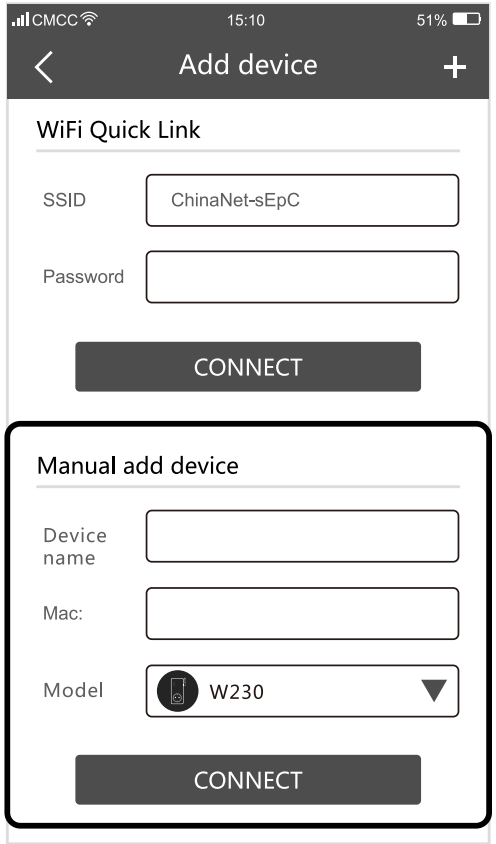
Set WiFi account into W230 to make it connecting with network. Make your smart phone connected with WiFi network, W230 will register same WiFi network which smart phone connected.

1. Power on W230 device, it will beep five times, means failed to connect WiFi.

2. Open APP, click “+” icon at the right top place, it will go to “Add device” page. At the “WiFi Quick Link” it will auto display the WiFi SSID, only need to input password, and click “CONNECT”, it will auto set the WiFi SSID and password to W230 device.

3. After it set success, W230 will long beep, means WiFi connected success.

2.3 Register device on APP

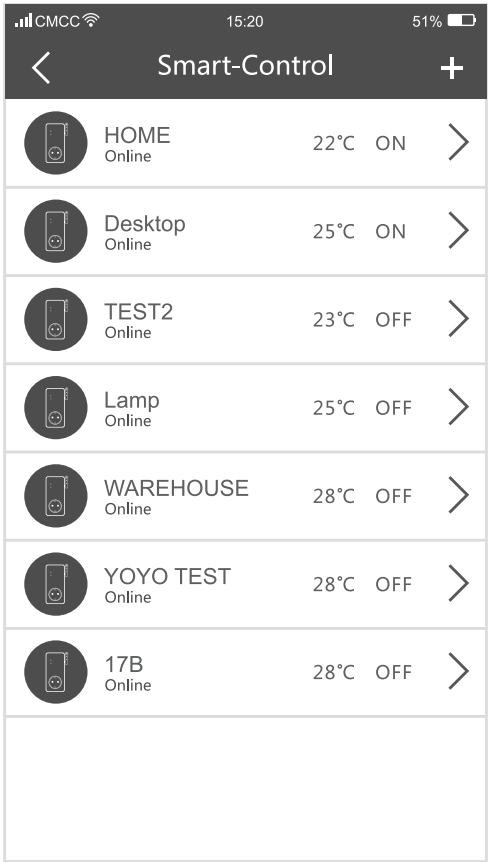


The method to register W230 as following:

1. Click “+”, it will show Add device page, input the “Device name” and device Mac, click “Connect”, it will send register request to device. (You can see the Mac number from device label or packing box)

2. Device will beep twice means received register request. Press M button for 1 seconds, device will long beep, it means agreed register the device. APP will show register device

2.4 Device list



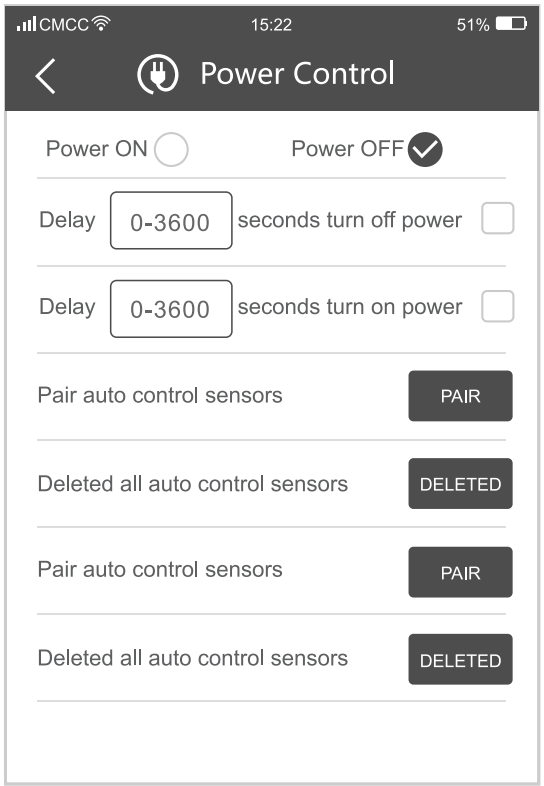
When open APP, it will auto display registered device, and update device status automatically.
The format of device as following:

Device name	Device status	Temperature	Power status	Control mode

- ***Device name:*** the name register when add the device. Use to separate different device.
- ***Device status:*** Online: means this device connected with server, can be control via APP.
  Offline: means the device disconnect with server, can not be controlled via APP. Device will auto online again when it connected WiFi.
- ***Temperature:*** It will show latest environment temperature of this device, auto update every 30 seconds.
- ***Power status:*** ON: means the power plug output is ON
  OFF: means the power plug output is OFF.
- ***Control mode:*** display “T” or “S” when device under temp control or schedule control.
  T: means the power plug under temperature control.
  S: means the power plug under schedule control.

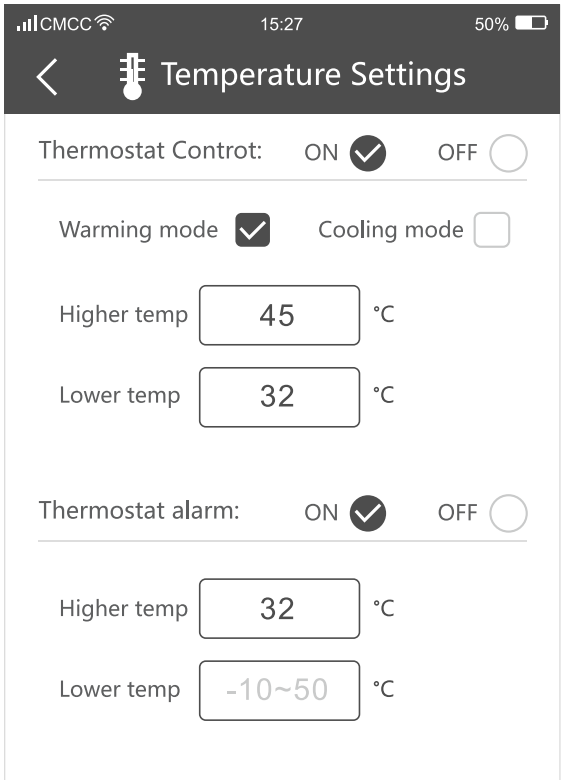
2.5 Power control

On Power control page, it can remotely on/off power, delay turn on power, also can pairing remote controls and wireless sensors.



- Power ON: turn plug power output on.
- Power OFF: turn plug power output off.
- Delay 1-3600 seconds turn off power: input the time value and select this option, it will turn on power immediately and turn off after settings times.
- Delay 1-3600 seconds turn on power: input the time value and select this option, it will turn off power immediately and turn on after settings times.
- Pair auto control sensors: use to pair sensor working with power plug. When sensor trigger, it will trigger delay control function. The time value is same as last settings. Such as set delay 30 seconds turn off power, when sensor trigger, it will turn on power immediately, and auto turn off after 30 seconds.
- Pair remote control: use to pair remote control. User can use remote control to turn off power, turn on power and trigger delay control function. Delay control time is same as last settings.

2.6 Temperature settings



On Temperature settings page, it can set plug working as thermostat, set plug auto push message when temperature out of setting range.

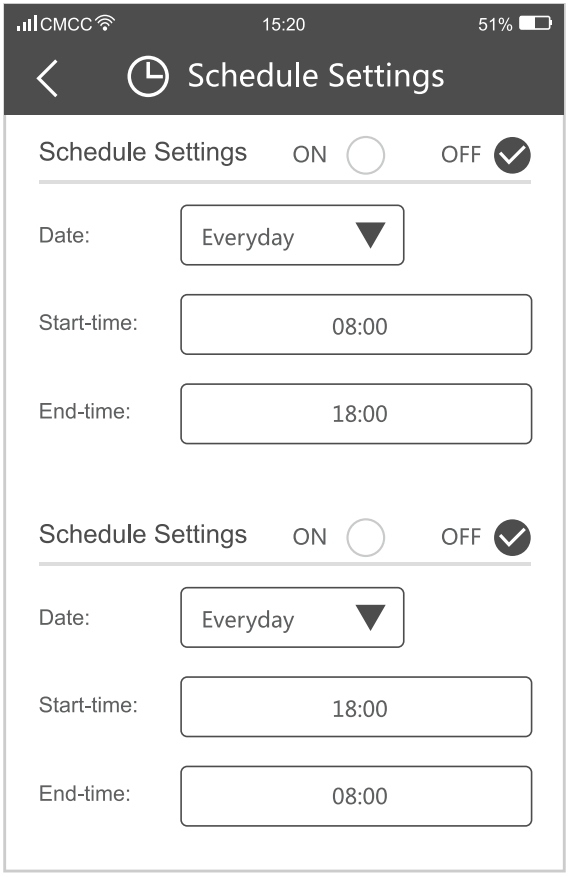
- Thermostat Control: it can set plug working as thermostat, the function of two working mode as following:

A. Warming mode: when temperature higher than “Higher temp”, power will auto turn off. When temperature lower than “Lower temp”, power will auto turn on.

B. Cooling mode: when temperature higher than “Higher temp”, power will auto turn on. When temperature lower than “Lower temp”, power will auto turn off.

- Temperature alarm: set temperature range, when temperature out of range, it will auto push message.

2.7 Schedule settings

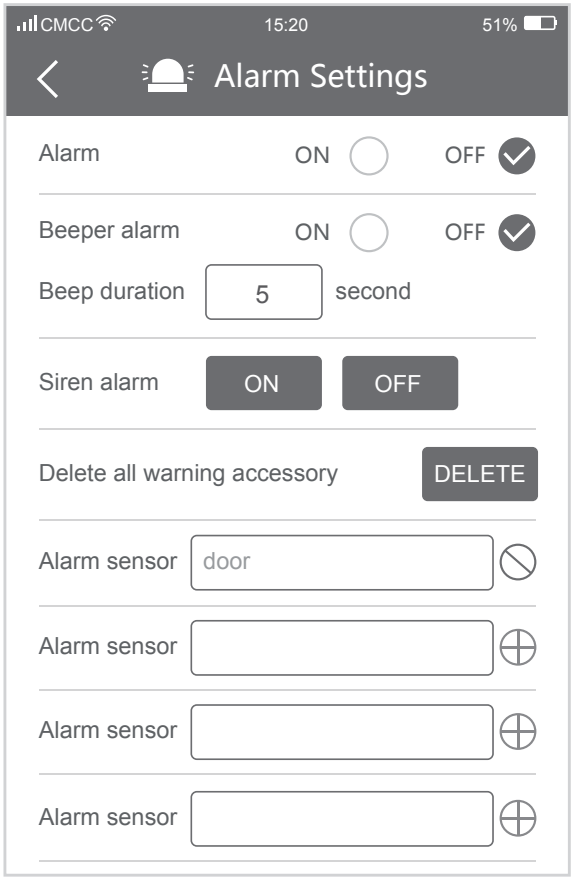


On Schedule settings page, it can set plug auto turn on/off according the schedule settings.

- ***Schedule Control:***
  auto turn on/off power according the setting schedule.

- ***Schedule Alarm:***
  pug will auto set in alarm mode according the setting schedule.

2.8 Alarm settings



On Alarm settings page, it can set alarm sensors and wireless siren. The wireless sensor and siren need to buy separately. Only customization FSK sensor can working with the plug.

- ***Alarm:*** when alarm set ON, it will push message and turn on wireless siren when sensor trigger. When alarm set OFF, it will ignore sensor signal.
- ***Siren alarm:*** when set ON, it will turn on siren, siren will loud sound immediately. Set OFF, it will turn off siren immediately.
- ***Beeper alarm:*** when set ON, plug built-in beeper will beep 10 seconds when sensor alarm. When set OFF, beeper will no beep even sensor alarm.
- ***Alarm sensor:*** max can pair 10pcs sensor, input the sensor name and click “Pair”, after hear plug beep, trigger sensor to finish sensor pair.

2.9 Reset factory settings

Reset factory settings will make the device removed from all registered APP account, Need to register the device again on APP after reset. Keep press the M button for 10 seconds, device will long beep and reset factory settings.

3.0 Technical Specification

Product size: 125*60*80 mm （EU plug)
WiFi protocol: 802.11 b/g/n
Power input: AC 110~230V
Temperature sensor range: -10℃~50℃
Indicator: Power output and wireless signal in Blue
Max power loading: 16A or 3600W