Smart Wi-Fi LED Socket Thermostat

Support the control of cooling and heating device.

Wi Fi

English

works with **alexa** | works with **Google Home** | works with **Smart Life**

Version:1.0(07/2024)_71.04.00501

■ Access the online instructions

(EN) Scan the QR code to access product manuals, videos and more information.

(FR) Scannez le code QR pour accéder aux manuels produits, vidéos et plus d'informations.

(DE) Scannen Sie den QR-Code, um Produkthandbücher, Videos und weitere Informationen zu erhalten.

(IT) Scansiona il codice QR per ottenere manuali del prodotto, video e ulteriori informazioni.

(ES) Escanee el código QR para obtener manuales de productos, videos y más información.

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■ Safety Information

• To reduce the risk of electric shock, use only indoors.
• The device should be operated within the rated power specified in the product technical specifications.
• Make sure the device is fully plugged in and kept out of reach of children for safety concerns.
• Risk of electric shock. Do not plug into another relocatable power strip or an extension cord.
• Do not cover the device when operating.
• No voltage only when the plug of the device is disconnected.

■ Product Introduction

The smart Wi-Fi LED socket thermostat supports controlling a variety of heating and cooling devices. It can be used in swimming pools, bedrooms, lofts, wine cellars, server rooms, aquariums, freezers, cold stores, greenhouses, and also for temperature control in cultivation, fermentation, brewing, incubation, and more.
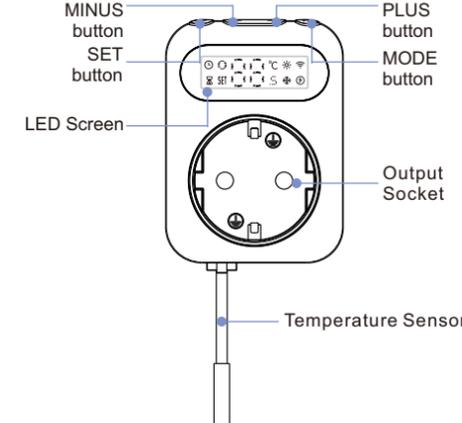
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■ Standard Accessories

Product ×1 | Temperature sensor ×2 | Manual ×1
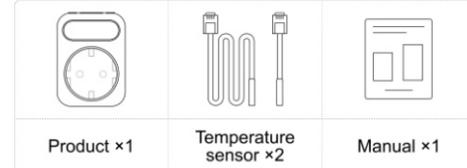
■ Technical Specifications

Voltage	AC100~240V ; 50~60Hz
Maximum load	16A
Wi-Fi	802.11b/g/n (2.4GHz)
Setting temp. accuracy	±0.5℃
Temp. measurement range	−30~110℃
Storage temp.	−5~50℃
Temp.sensor	NTC, B=3380, R25=10KΩ±1%
Temp.sensor length	5cm, 300cm
Protection level	IP20
Shell material	Anti-Flammable PC+ABS

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■ Product Overview

MINUS button
SET button
LED Screen
PLUS button
MODE button
Output Socket
Temperature Sensor

■ Button and LED Rules

Plus (+) button: Increase value.
Minus (-) button: Decrease value.
* Press and hold the Plus and Minus button at the same time for 3 seconds, the device will activate/deactivate child lock.

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MODE button:
Short press to switch between different modes.
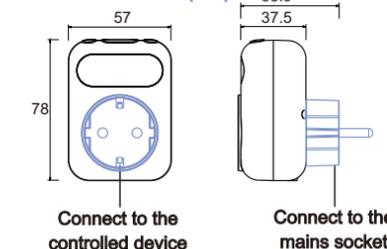Press and hold for 3 seconds to turn OFF the device.

SET button:
Short press to access specific numerical settings for each mode / save the configured values ;
During power off, press and hold for 3 seconds to enter network configuration.

LED Light	Meaning
	Set temp. and measured temp. display alternately ; ON and OFF display
(wifi)	Flashing: Connecting to the network; Lights up: Network successful; Goes out: Device offline
☼	Heating mode
❄	Cooling mode
🕐	Weekly programming mode
↻	Cycle timer mode
SET	Socket mode ; Set value
⧖	Countdown status
⌁	Output

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■ Dimensions and Installation

Dimensions: millimeters (mm)

57 | 55.9 | 37.5 | 78

Connect to the controlled device | Connect to the mains socket

Installation:
Insert the plug into mains socket directly.

■ Topology of APP and Voice Control

Cloud Services
Tuya | GCP | AWS

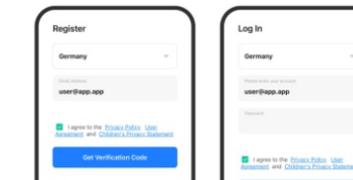SmartPhone | Router | Socket Thermostat | Smart Speaker
End Devices

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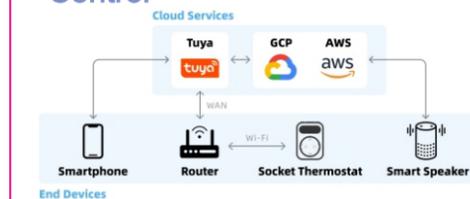
■ Software Installation

1. Download Smart Life App

Scan the QR code on the right or search for "Smart Life" on the App Store or Google Play to download the Smart Life app:

Download on the **App Store** | GET IT ON **Google Play**

2. Registration or Log in

Enter the Register/Login interface; tap "Register" to create an account by entering your phone number to get verification code and "Set password". Choose "Log in" if you already have a Smart Life account.

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3. Add device

①Press MODE button for 3 seconds to turn off the device. During power off, press and hold the SET button to enter the network configuration, indicated by the flashing of " �] ".
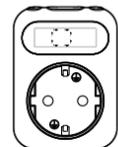
② Enter the "**Home**" interface of the APP, click " ⊕ " in the upper right corner, select the "**Add**" button in the pop-up window, and finally click " ⊕ " to enter the Wi-Fi password interface;

⊕ → **Add**

* Please turn on the Bluetooth of your phone in advance.

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③ Select 2.4G Wi-Fi and enter the password, click "**Next**", and then wait for the connection to succeed.

Next → (■)

④ After the addition is successful, click "**Done**", and the smart socket thermostat has been added successfully.

(■) → **Done**

■ Key Function Guide

How to access different modes:
Short press MODE button to switch between different modes.

☼ Heating mode
• This mode is used to control a heater to heat.
• During heating mode, press Plus or Minus button to adjust target temperature.

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❄ Cooling mode
• This mode is used to control a cooler to cool.
• During cooling mode, press Plus or Minus button to adjust target temperature.

🕐 Programming mode
• You can switch between programming heating and programming cooling on device.
• Specific programming settings can only be set via APP.

↻ Cycle Timer mode
• In this mode, the socket will cycle between ON and OFF states at regular intervals.
• During cycle timer mode, press SET button to enter specific setting. When the screen displays " ON " ,it indicates entering the setting for cycle ON time. Short press SET button to continue, the numerical value on the screen will flash. Short press the plus or minus button to adjust the cycle ON time. Once the setting is done, continue by short pressing SET button . When the screen displays " OFF ", it indicates entering the setting for cycle OFF time. Short press SET button to continue, press the plus or minus button to adjust the cycle OFF time.

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• The default time unit is in minutes. If you wish to set a time period in hours, adjust the screen value to 59, then press the plus button. The screen will display " 1H ", indicating the unit is now in hours. This allows for setting time periods up to a maximum of 9 hours.

SET Socket mode
• In this mode, you can toggle the output status and set a delay time.
• When switching to socket mode, the device will retain the relay status from the previous mode. " ON " displayed on the screen indicates the relay is in the on state, while " OFF " indicates the relay is in the off state. Short pressing the plus or minus button can toggle the relay status.
• To set a delay time, you can press SET button to enter delay time setting. Press Plus or Minus button to adjust the delay time value, press SET button to confirm and save value. Once the set time ends, the output will turn on or off.

■ Advanced settings

Temperature calibration:
Calibrate measured temperature when it is not accurate.

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Temperature difference:
It is the difference in temperature required for switching the device on and off. For example, if you set the value to 1.0℃, it means that when the setpoint temperature is 20.0℃, the device will start heating when the measured temperature drops to 19℃ and stop heating when it reaches 20℃ (in heating mode).It will turn on cooling at 21.0℃ and turn it off at 20.0℃(in cooling mode).
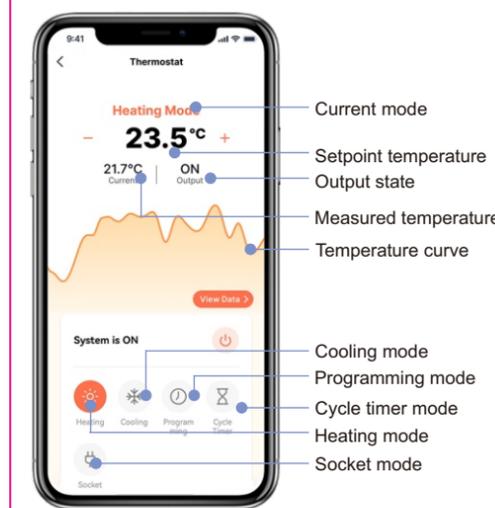
Cooling delay:
• Effective only in cooling mode, if the setpoint temperature is reached, the device will wait for a period of time before starting cooling to protect the compressor.
• When the time interval between two cooling operations is larger than preset delay time, the equipment will start cooling immediately; when the time interval between two cooling operations is less than preset delay time, the equipment won't start cooling until achieve the preset delay time.

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Meaning	Range of values	Default
Screen Brightness	High / Middle / Low	High
Screen Timeout	15s/30s/60s/120s	30s
Temp. Calibration	-15~15℃	0℃
Temp. Difference	0.1~10℃	1℃
Cooling Delay	1~10min	OFF
Frost Protection	ON / OFF	OFF
Temp. setting range	−9.5~99.5℃	15℃
Temp. measurement range	−30~110℃	/
High Temp. Alert	−30~110℃	110℃
Low Temp. Alert	−30~110℃	−30℃

NOTE:
The temperature measurement range supported by the device is −30~110℃, and temperatures within this range can be displayed in full on the app.
On the device, when the measured temperature is below −9.5℃, the screen will display "LL", and when the measured temperature exceeds 99.5℃, the screen will display "HH". At this time, please check the precise measured temperature on the app.

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■ APP Operation Interface

Heating Mode
23.5℃
21.7℃ Current | ON Output
System is ON

Current mode
Setpoint temperature
Output state
Measured temperature
Temperature curve

Cooling mode
Programming mode
Cycle timer mode
Heating mode
Socket mode

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■ Voice control

After waking up the speaker, you can say:

Amazon Alexa : Alexa,
• Set the DEVICENAME to heat.
• Set the DEVICENAME to cool.
• Set the DEVICENAME to auto.
• What's the temperature of DEVICENAME?
• What's the DEVICENAME set to?
• Set DEVICENAME to 42.
• Turn on SCENENAME.

Google Assistant : OK google,
• Set the DEVICENAME to heat.
• Set the DEVICENAME to cool.
• Set the DEVICENAME to auto.
• What mode is the DEVICENAME set to?
• What's the temperature of DEVICENAME?
• Set DEVICENAME to 42.
• Drop the DEVICENAME by 1 degree.
• Raise the DEVICENAME by 1 degree.

Attention:
"DEVICENAME" is the device name, you can also name it yourself.

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