Könighaus Smart LED Thermostat

Supports the control of cooling and heating devices.

Wi Fi

works with Google Home

works with Smart Life

works with alexa

works with tuya

Version:1.0(08/2025) 71.04.00745

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.

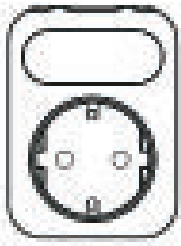
Safety Information

- 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.
- The device is completely powered off only when unplugged from the socket.

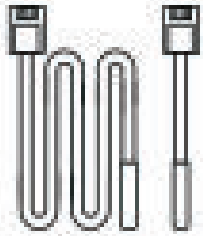
Product Introduction

The smart Wi-Fi LED socket thermostat supports a wide range of heating and cooling devices. The applications include 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.

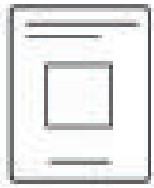
Standard Accessories



1 × Product



2 × Temperature sensor

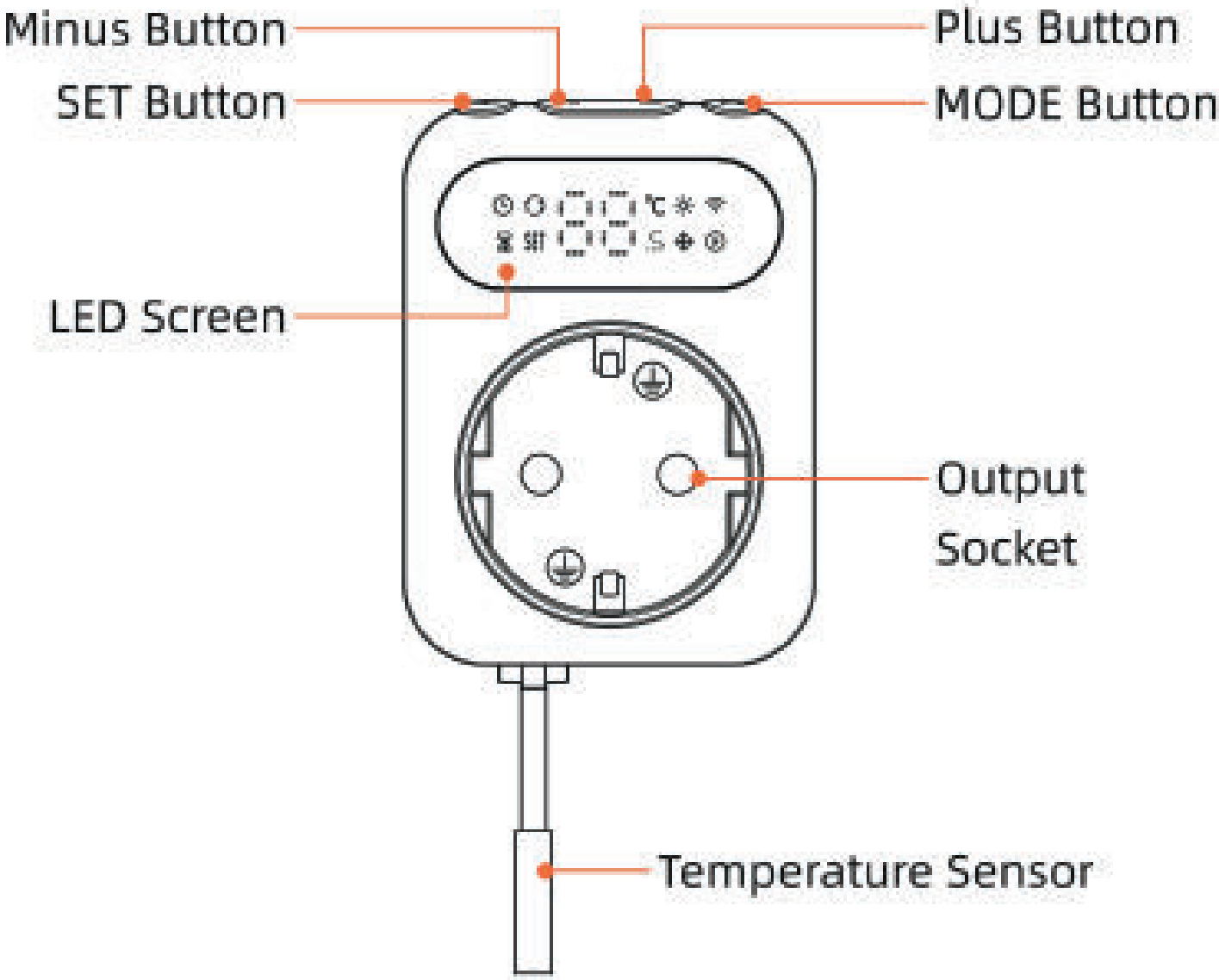


1 × Manual

Technical Specifications

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

Product Overview



Button and LED Rules

Plus (+) button:

Increase value.

Minus (–) button:

Decrease value.

Tip: How to enable child lock

Press and hold both the Plus and Minus buttons for 3 seconds, the device will activate/deactivate child lock.

MODE button:

Short press to enter mode switching interface.

Press and hold for 3 seconds to turn ON/OFF the device.

SET button:

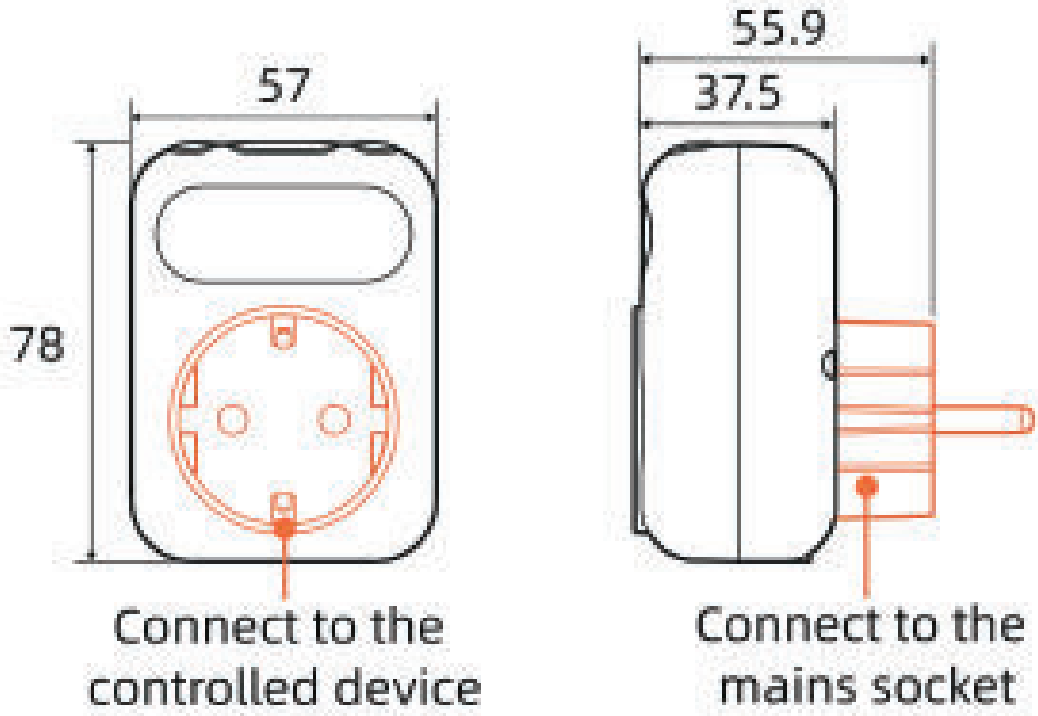
Short press to access specific numerical setting within each mode or to save configured values.

Long press (when powered OFF) for 3 seconds to enter network configuration mode.

LED Light	Meaning
	Set temp. and measured temp. display alternately ; ON and OFF display
	Flashing: Connecting to the network; Lights up: Network successful; Goes out: Device offline
	Heating mode
	Cooling mode
	Weekly programming mode
	Cycle timer mode
SET	Adjustable value indicator (e.g., set temp., socket mode settings)
	Countdown status
	Output

Dimensions and Installation

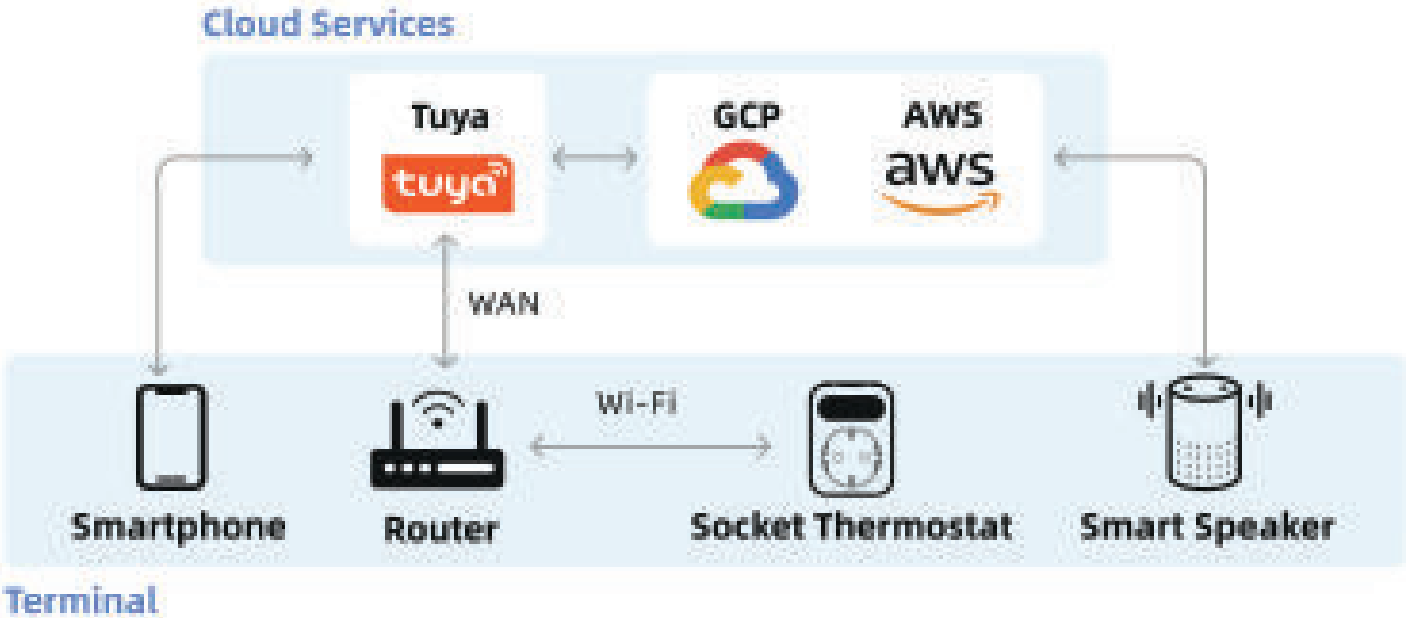
Dimensions: millimeters (mm)



Installation:

Plug the device directly into a wall socket.

Network Topology Diagram



Software Installation

Step 1: Download the Könighaus App

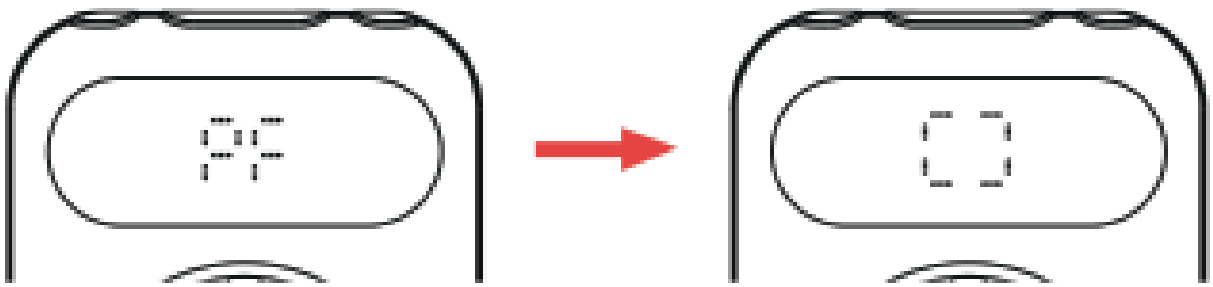
Download on the App Store

GET IT ON Google Play

Scan the QR code above or search for "Könighaus Smart Home" in the App Store or Google Play to download the Smart Life app.

Step 2: Add Device

1. Press and hold the **MODE** button for 3 seconds to turn off the device. The screen will display **"PF"** (power off). Then, press and hold the **SET** button to until "CD" appears on the screen, indicating Wi-Fi pairing mode.

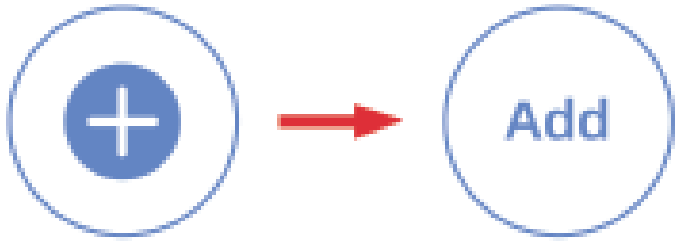


Tip: How to exit pairing mode

While in pairing mode, short press the **SET** button to exit.

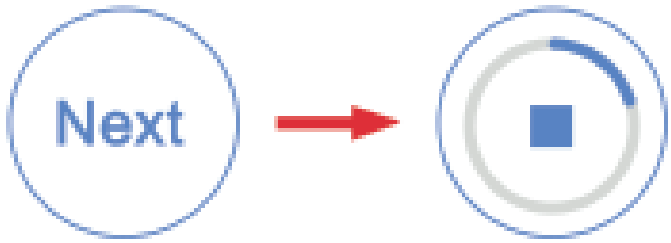
If the device stays in the pairing mode **less than 11 seconds**, the screen will display a countdown before exiting.

2. In the "Home" interface of the APP, tap the "⊕" icon in the top right corner, select **"Add Device"**, then choose **"Thermostat Socket"** from the list;

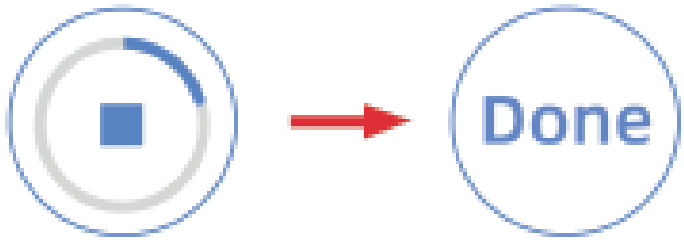


Tip: Please tum on the Bluetooth of your phone in advance.

3. Enter your **2.4GHz Wi-Fi** password and tap **"Next"**. Wait for the device to connect to the network.



4. Once the pairing is successful, tap **"Done"** to complete the setup. The smart socket thermostat is now ready to use.



Key Function Guide

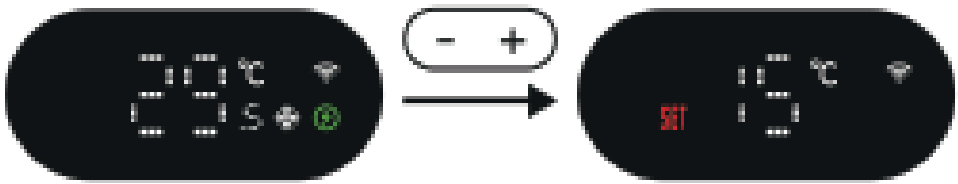
Tip: How to access different modes

Short press **MODE** button to switch modes.

❄ Cooling mode

This mode is used to control a cooler to cool.

- **Screen Flow:**



- **How to set:**

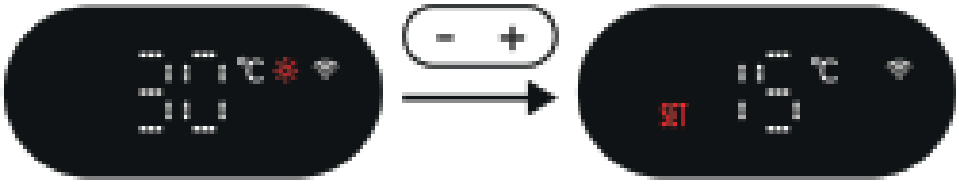
  ① Press "+" / "−" button to adjust target temperature.

  ② Press **SET** button to confirm.

☼ Heating mode

This mode is used to control a heater to heat.

- **Screen Flow:**



- **How to set:**

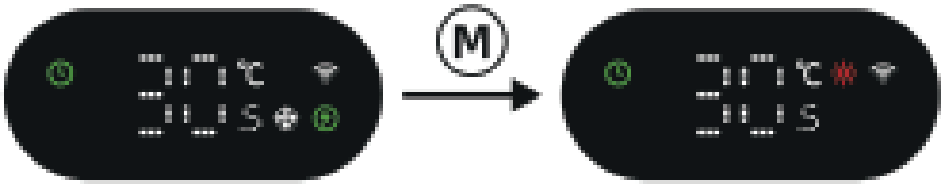
  ① Press “+” / “–” button to adjust target temperature.

  ② Press **SET** button to confirm.

🕒 Programming mode

This mode allows the device to follow a weekly temperature schedule automatically. You can select either Heating or Cooling as the control mode on the device.

- **Screen Display:**



Programming Cooling Programming Heating

- **How to set:**

  ①You can switch between programming heating and programming cooling on device with **MODE** button.

  ② Press **SET** button to confirm.

Setup note: The weekly schedule must be set via the **APP**.

Cycle Timer mode

This mode allows the socket to automatically switch ON and OFF in a continuous cycle based on your defined time intervals. It is ideal for repeated control of appliances such as fans, pumps, or grow lights.

1. **How to access:**

   Short press **MODE** button until you see:

2. **Set Cycle ON Time**

- **Screen Flow:**

- **How to set:**

  ① Press the **SET** button. The screen will display SET ON.

  ② Press **SET** again to enter the ON time setting.

  ③ Use the **Plus (+)** or **Minus (–)** buttons to adjust the duration (-Mini.: 1 min. -Max.: 9 hours). Once the ON times are set, the Output LED will light up.

  ④ Press **SET** button to confirm.

3. Set Cycle OFF Time

After confirming the ON time, the screen will display SET OFF, this is to define how long the socket should remain OFF before the next cycle begins.

- **Screen Flow:**

- **How to set:**

  ① Press **SET** again to enter the OFF time setting.

  ② Adjust the OFF duration using the **Plus (+)** or **Minus (–)** buttons.

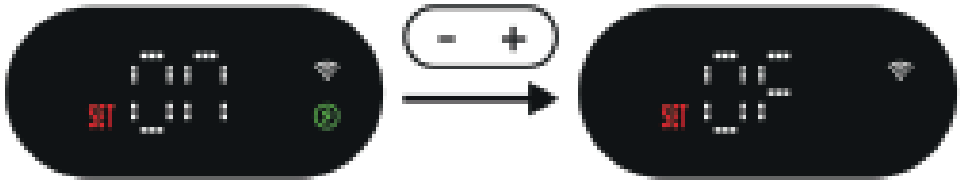
  ③ Press **SET** to save and activate the cycle.

The socket will now automatically turn ON and OFF according to the duration you have set.

SET Socket mode

Output switch

When the screen display SET ON：



Use “+”/ “–” buttons to toggle output status ON or OFF.

SET ON - Output status ON

SET OFF - Output status OF

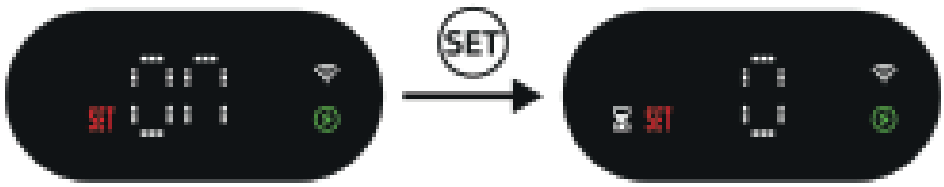
Note: This refers to the socket’s output status, not the system power.

Countdown function

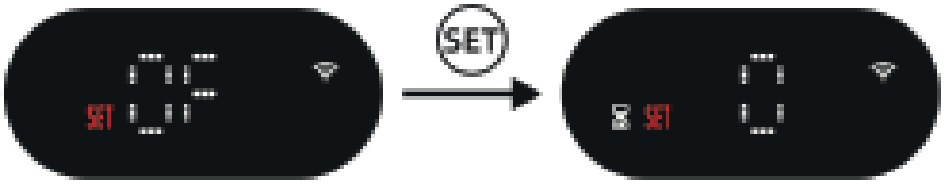
Function: You can configure a countdown to turn ON or OFF the socket after a set delay.

- **Screen Flow:**

  ON-DELAY OFF



OFF-DELAY ON



- **How to set:**

  ① While in Socket mode, use “+” / “–” to choose countdown type:

  ON - turn socket OFF after countdown delay;

  OFF - turn socket ON after countdown delay.

  ② Press **SET** button to enter delay time setting interface.

  ③ Use “+”/ “–” buttons set the time (1min- 1 hour).

  ④ Press **SET** button to confirm.

The countdown will begin, and the “⧖” icon will be displayed on the screen.

Once the countdown ends, the socket will automatically switch ON or OFF based on your setting.

Advanced settings

Temperature calibration:

Calibrate measured temperature when it is not accurate.

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°C, it means that when the setpoint temperature is 20.0°C, the device will start heating when the measured temperature drops to 19°C and stop heating when it reaches 20°C (in heating mode). It will turn on cooling at 21.0°C and turn it off at 20.0°C (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.

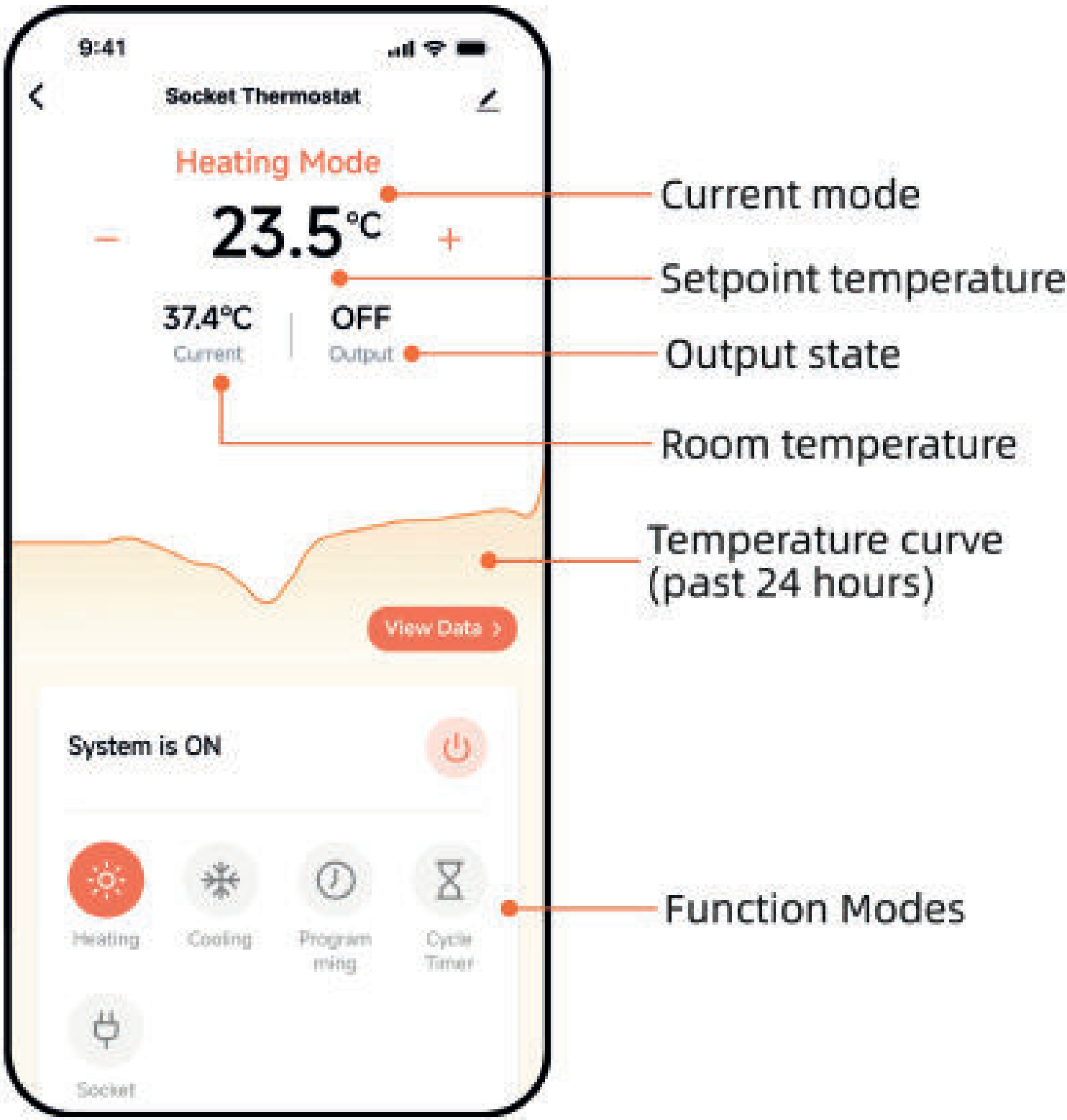
Meaning	Range of values	Default
Screen Brightness	High /Middle /Low	High
Screen Timeout	15s/30s/60s/120s	30s
Temp. Calibration	-15~15 °C	0 °C
Temp. Difference	0.1~10 °C	1 °C
Cooling Delay	1~10min	OFF
Frost Protection	ON / OFF	OFF
High Temp. Alert	-30-110 °C	110°C
Low Temp. Alert	-30-110 °C	-30°C

Note:

The temperature measurement range supported by the device is -30~110°C, and temperatures within this range can be displayed in full on the app.

On the device, when the measured temperature is below -9.5°C, the screen will display "LL", and when the measured temperature exceeds 99.5°C, the screen will display "HH". At this time, please check the precise measured temperature on the app.

APP Operation Interface



Voice control

After waking up the speaker, you can say:

Amazon Alexa: Alexa,

- Set the DEVICE_NAME to heat.
- Set the DEVICE_NAME to cool.
- What's the temperature of DEVICE_NAME?
- What's the DEVICE_NAME set to?
- Set DEVICE_NAME to 42.
- Turn on SCENE_NAME.

Google Assistant: OK google,

- Set the DEVICE_NAME to heat.
- Set the DEVICE_NAME to cool.
- What mode is the DEVICENAME set to?
- What's the temperature of DEVICE_NAME?
- Set DEVICE_NAME to 42.
- Drop the DEVICE_NAME by 1 degree.
- Raise the DEVICE_NAME by 1 degree.

Note: "SCENE_NAME" refers to your created scene. "DEVICE_NAME" refers to your device´s name. You may customize it as desired.

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