

SUNWAY



SUNWAY Smart Heater Control: App Installation & Usage Guide

2024

Glossary: Download and install Smart App

Device at a Glance

Key Benefits Over Eurom Smart App Mon Soleil

Wi-Fi Connection Using the App

1. Connecting the SUNWAY Controller to Your Smartphone
2. Actions in Case of Unsuccessful Pairing
3. WiFi Control: Utilize our Android app on your smartphone for comprehensive control
4. Sharing the heater

Hotspot Connection: Seamless Integration with Web Browser

1. Hotspot Connection: Control your heater settings directly through a hotspot connection.
2. Hotspot Control: Use our intuitive web interface for real-time configuration and monitoring via a web browser on any PC or smartphone

Manual Control: Choose the traditional, hands-on approach whenever you desire.

Download and install the SUNWAY Smart App

Scan the QR code below with the smartphone, or search for 'Sunway Smart' in the App store or Google Play and follow the download instructions.

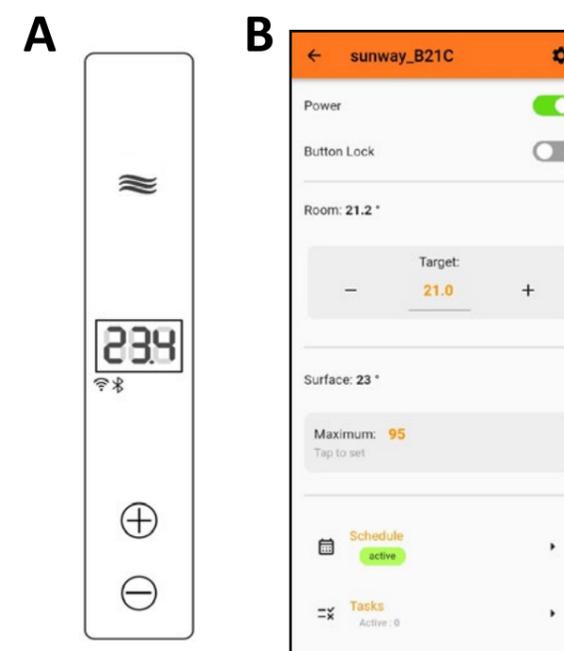


Device at a Glance

The "SUNWAY Smart Heater Control" is an advanced heating solution with features like Wi-Fi and Bluetooth connectivity, allowing remote access and control through a smartphone app or web browser. It offers intuitive controls, easy sharing with QR codes, privacy security, customizable programming with different cycles, real-time statistics, and supports multiple languages. The heater is designed for user-friendliness and energy efficiency, featuring automatic adjustments like the OpenWindow detector. It also allows manual control and provides detailed statistics for up to a year.

Picture A: Manual Control

Picture B: Wi-Fi Connection via App



Welcome to SUNWAY Heater Controller User Manual

Your smartphone now features the SUNWAY Smart App.

SUNWAY Smart App: Streamlined for Your Ease

Quick Start: Skip the Registration Process

No More Manual Entry: Say goodbye to entering your mobile phone number or email address. We've automated this step for you!

Time Zone Ready: Your local time zone is pre-configured, ensuring your app is in sync with your region.

Family-Friendly Heater Control: Link your heater to the family network in a snap. No repeated registrations or device pairings for each family member are required.

User-Friendly Design: Embrace an intuitive app experience, where cutting-edge technology is shared effortlessly among your family, all at your fingertips. Enjoy a seamless integration of technology into your daily life.

Universal Design

- Temperature Units: Supports both Celsius and Fahrenheit measurements.

Key Benefits Over Eurom Smart App Mon Soleil

1. Hotspot Connection: Sunway offers control through a hotspot connection in addition to Wi-Fi, allowing for direct control via a web browser on any PC or smartphone.

2. Manual Control: Sunway provides a manual control mode for all Sunway heaters, allowing traditional hands-on adjustment of the heater settings.

3. Data Storage and Privacy: Sunway doesn't require account registration, ensuring user privacy, and securely stores data on European servers, avoiding reliance on external servers.

4. Bluetooth Functionality: Sunway features Bluetooth for seamless pairing between the smartphone and heater.

5. Multi-Lingual Support: Sunway's interface supports multiple languages.

6. QR Code Sharing: Sunway allows users to share control of the heater with others using a QR code.

7. OpenWindow Feature: This unique feature in Sunway detects when a window is opened and adjusts the heating to save energy.

8. Real-Time Statistics and Heating History: Sunway maintains temperature statistics and offers a history storage feature.

These features, especially the hotspot connection, manual control, and the OpenWindow feature, provide Sunway with distinct advantages over the Eurom Smart App Mon Soleil in terms of flexibility, control, and energy efficiency.

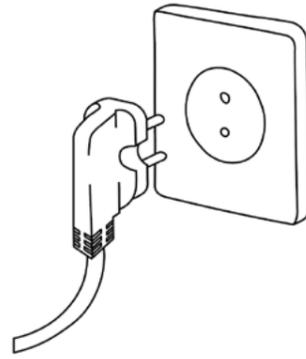
Wi-Fi Connection Using the App

Connecting the SUNWAY Controller to Your Smartphone

Step 1. Initial Setup:

Power on the heater to begin setup. (Refer to PICTURE1)

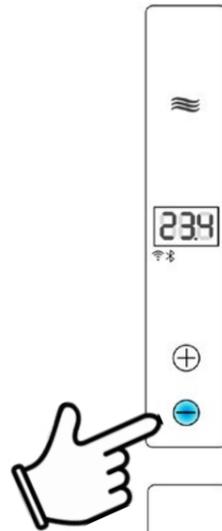
PICTURE1



Step 2. Removing Previous Settings (Changing Device Ownership):

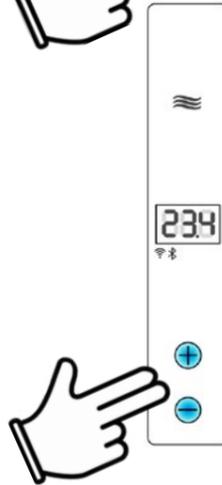
If changing ownership, press and hold the “Down” button for 2 seconds until a beep is heard and the screen turns off. (Refer to PICTURE2)

PICTURE2



Then, press and hold both the “Up” and “Down” buttons simultaneously for 5 seconds until the display activates, signaling the reset. (Refer to PICTURE3)

PICTURE3



Step 3. Indication of Successful Reset:

Look for a slow blinking LinkLED (1 second intervals) as an indication of a successful reset. (Refer to PICTURE4)

PICTURE4



Step 4. Initiation for pairing:

Hold down the “Up” button for 5 seconds until a welcome animation is displayed, indicating the heater is ready for pairing with the smartphone app (See PICTURE5).

Indicating the Start of Pairing Process:

When the SUNWAY Controller enters the pairing mode, ready to synchronize with your smartphone app, it will signal its readiness with a distinct visual cue.

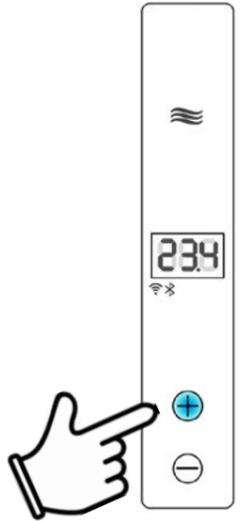
Animation Characteristics:

- Duration: The animation will be active for a period of 1 minute.
- Visual Cue: You will observe an animated sequence on the controller’s display. This consists of segments moving in a circular pattern, clearly indicating that the heater is in pairing mode and awaiting user actions through the smartphone application. Refer to PICTURE6 in the manual for a visual representation of this animation.

Step 5. Indicating Empty WLAN (WIFI) Settings:

A pattern of slow blinking (500 ms intervals) on the LinkLED indicates that Wi-Fi settings are currently empty and require user action (Refer to PICTURE7)

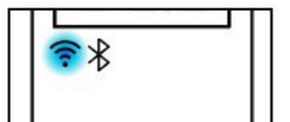
PICTURE5



PICTURE6



PICTURE7



Step 6. User Actions During the Pairing Animation

Engaging with the SUNWAY Controller during the Active Pairing Phase:

As the pairing animation is displayed on the SUNWAY Controller, the user has several options to actively engage in the pairing process through the smartphone application. (Refer to PICTURE8 for visual guidance).

Options for Pairing:

• Option 1 – Top Corner Activation:

Tap the “+” icon located at the top right corner of the smartphone application. In sub-menu choose “Pair”. This initiates the connection between your app and the heater. (Illustrated in PICTURE8)

• Option 2 – Central App Button:

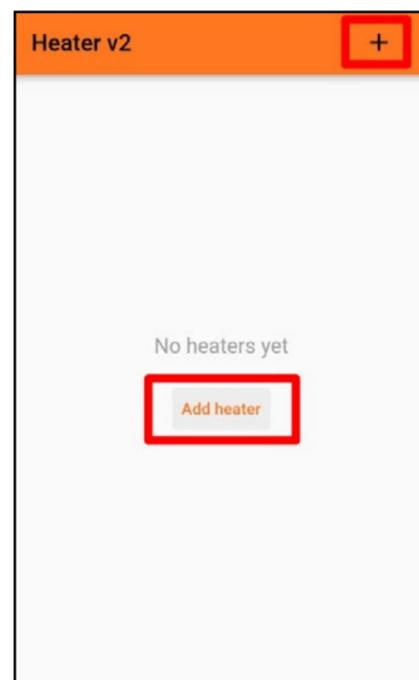
Use the “Add Heater” button, prominently placed at the center of the bottom part of the app screen. This provides an alternative way to start the pairing process.

• Option 3 – QR Code Sharing Follow-up:

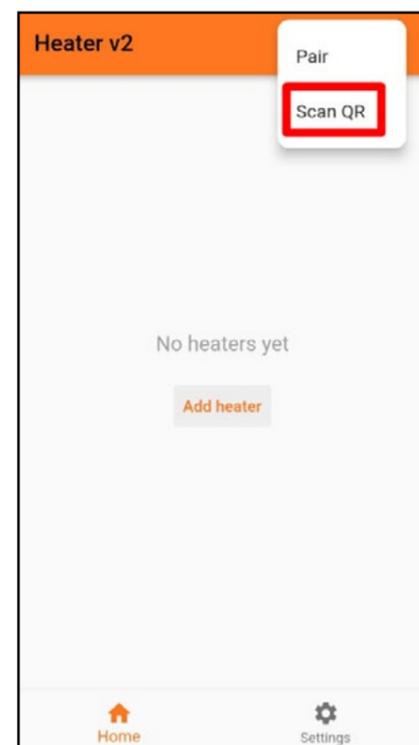
If the heater was previously shared via QR code, this option allows the new user to assume control. This is an independent option from the direct pairing process. (See PICTURE9 for reference)

Each of these options offers a streamlined approach to ensure a smooth and user-friendly pairing experience with the SUNWAY Controller.

PICTURE8



PICTURE9



Step 7. Finalizing the Pairing: Select Your Heater:

In the app, select your heater and initiate pairing. After successful pairing, you will have several options, including locating your heater with a sound signal. (See PICTURE10 for reference)

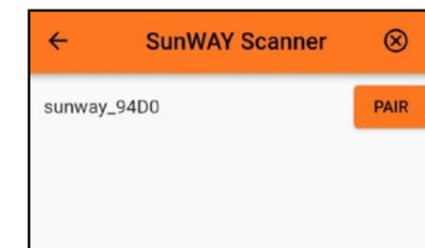
Step 8. Adjusting Settings and Locating Your Heater Post-Pairing

Upon successful pairing of your heater, a variety of options become available to enhance your user experience. (See PICTURE11 for visual guidance).

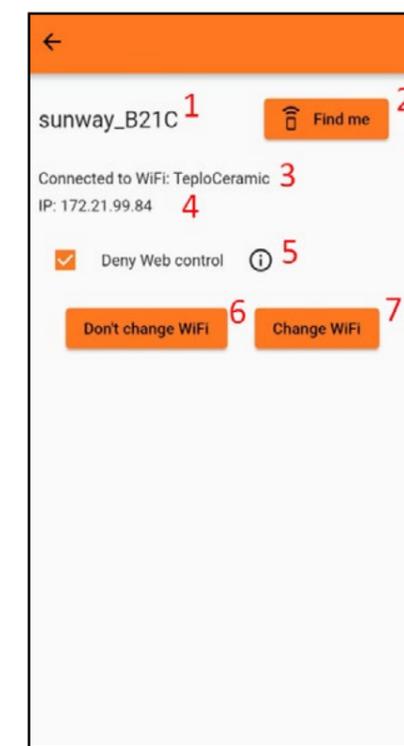
Available Options:

- **Option 1 – Heater Identification:**
 - By default, the heater is named as indicated in “1”. This can be customized for easy identification.
- **Option 2 – Finding Your Heater:**
 - Select “Find me” labeled as “2”. This action triggers a brief sound signal from the heater, aiding in its physical location.
- **Option 3 – Wi-Fi Status Check:**
 - The current Wi-Fi network to which the heater is connected can be checked under option “3”.
- **Option 4 – Heater’s IP Address:**
 - View the current IP address of your heater using option “4”.
- **Option 5 – Browser Access Control:**
 - Manage browser access to the heater’s controls under “5” for enhanced security.
- **Option 6 – Wi-Fi Settings Maintenance:**
 - If you wish to retain the current Wi-Fi settings, select “Don’t change WIFI” under “6” to continue to the controller interface.
- **Option 7 – Changing Wi-Fi Settings:**
 - To modify Wi-Fi settings, opt for “Change WIFI” labeled as “7” to navigate to the relevant interface. (Refer to PICTURE11 for details)

PICTURE10



PICTURE11



Entering WLAN Credentials

- **Accessing Wi-Fi Settings:**

Select the “Change WIFI” option. This will lead you to a dedicated page for Wi-Fi settings adjustments.

For visual assistance, refer to PICTURE12 in the manual.

Accurate Entry of Login Credentials:

- **Importance of Precision:**

Carefully enter your WLAN login and password. Accuracy here is crucial for successful connection.

- **Attention to Detail:**

Pay close attention to avoid unintentional spaces or typos in your login credentials. Both before and after the login details, such spaces can lead to connection errors.

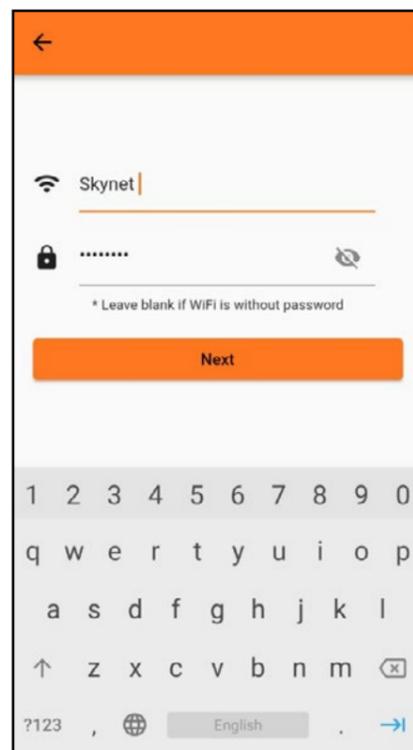
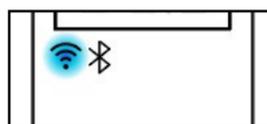
Attention: WLAN Name Length Restriction

- **Maximum Characters:** Ensure that your WLAN name does not exceed 16 characters if using the Cyrillic alphabet, and 23 characters if using the Latin alphabet.
- **Connectivity Impact:** If the WLAN name exceeds these character limits, the heater will be unable to establish a connection.

Indicating a Successful Connection to WLAN (WIFI):

- **LinkLED Behavior:** The LinkLED will cease blinking and turn off.
- **Significance:** This indicates that the SUNWAY Controller has successfully established communication with the WLAN. (Refer to PICTURE13)
- **Memory Update:** The SUNWAY Controller will memorize the current WLAN settings, completing the connection process.

PICTURE13

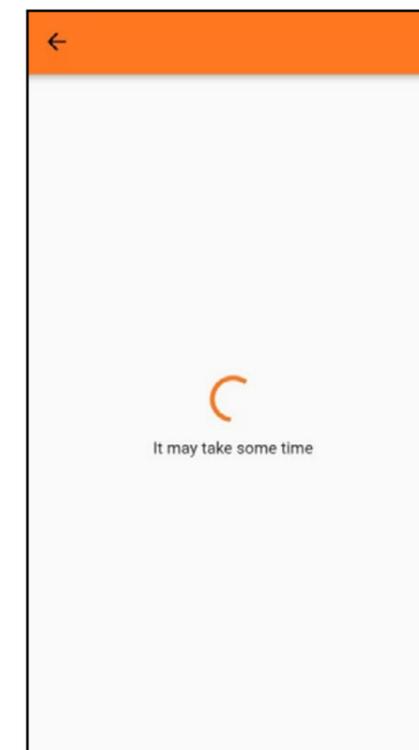


PICTURE12

Countdown and Connection Attempts by SUNWAY Controller:

- **Purpose of Countdown:** During the countdown phase, the SUNWAY Controller actively makes multiple attempts to establish a connection.
- **Addressing Weak Signal:** This process is particularly crucial if the WLAN signal strength is weak, ensuring the controller exhausts all possibilities to connect successfully. (Refer to PICTURE14)

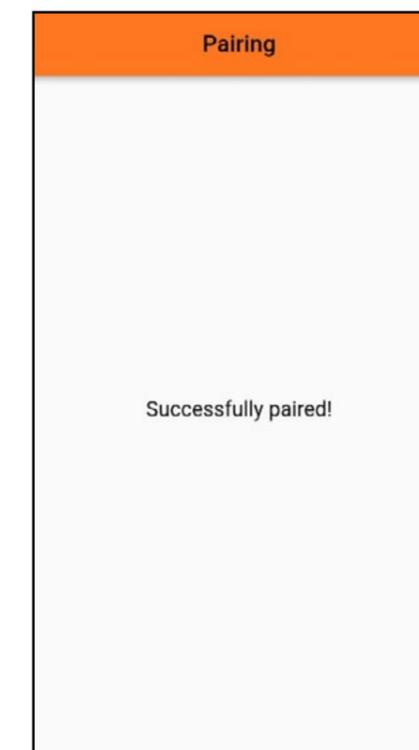
PICTURE14



Confirmation of Successful Pairing:

- **Notification:** Once the pairing is successfully completed, you will receive a confirmation notification.
- **Visual Reference:** For details on what this confirmation looks like, (Refer to PICTURE15)

PICTURE15



Actions in Case of Unsuccessful Pairing:

If the pairing process fails, follow these steps to troubleshoot and resolve the issue:

1. Reattempt Pairing:

- Initial Steps: Begin by repeating the instructions from step 4 of the “Wi-Fi Connection Using the App”
- Secondary Steps: If reattempting does not work, go back and follow the instructions from step 2 of the “Wi-Fi Connection Using the App”.

2. Verify Login Credentials:

- Accuracy Check: Ensure that your login and password are entered correctly.
- Space Removal: Check for and eliminate any accidental spaces before or after your login details.

3. Update SUNWAY Controller:

- Hotspot Connection: Use a hotspot connection to update the SUNWAY Controller to the latest version.

4. Observe LinkLED Behavior for Diagnostics:

Slow Blinking LinkLED (500 ms):

- Indicates the need for WiFi settings input. Ensure to correctly enter the login and password details. If the settings are already entered and the LinkLED is still slowly blinking, check for:
 - Incorrect login or password.
 - Unintended spaces after the login or password.

Fast Blinking LinkLED: The behavior is less predictable and can vary. If the WiFi credentials are entered incorrectly, the LinkLED will blink rapidly but the device will not connect.

- Connection Issues: If the LinkLED blinks in any pattern and the device does not connect, it could be due to:
 - Weak WLAN signal strength: Ensure proximity to a strong signal source.

- Interference from other Bluetooth or WiFi devices: Check for and remove any sources of electronic interference.”

WiFi Control: Utilize our Android app on your smartphone for comprehensive control.

Controller Button Functions: (See PICTURE16)

“1” - Gear icon:

- Purpose: This button is used to go to setting for heater

“2” - ON/OFF Button:

- Purpose: This button is used to power the heater on or off.

“3” - ON/OFF Button Lock:

- Function: Locks the manual control panel, preventing unauthorized adjustments.

“4” - Ambient Room Temperature Display:

- Information Shown: Indicates the current temperature in the room.

“5” - Target (Desirable) Ambient Temperature Indicator:

- Usage: Shows the target room temperature.

“6” - Target (Ambient) Temperature Control Buttons:

- Adjustment: Use these buttons to increase or decrease the room’s ambient temperature.

“7” - Heater Surface Temperature Indicator:

- Display: Shows the current temperature on the heater’s surface.

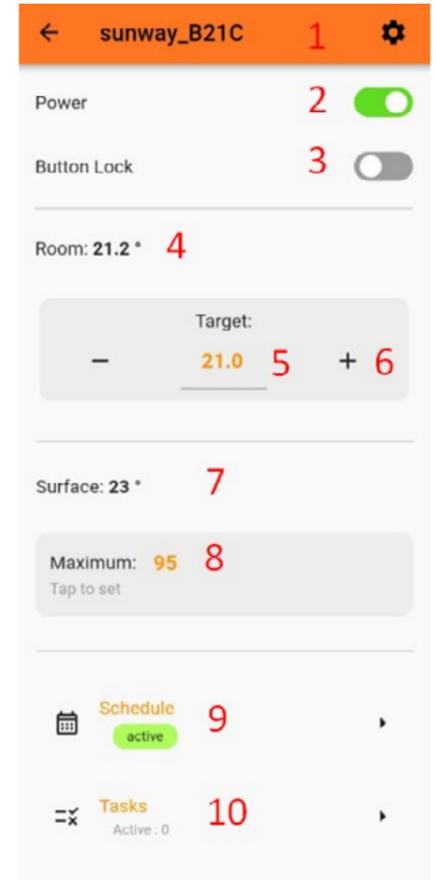
“8” - Surface Temperature Adjustment Control:

- Function: Enables the user to adjust the heater’s surface temperature up or down.
- Information Shown: Shows the target Surface temperature.

Note on Heater Operation Indicators: (See PICTURE17)

- SUNWAY Logo on Green Background:
- Indication: This symbolizes that the heater is actively in the process of heating.
- Button Without SUNWAY Logo:
- Meaning: This indicates that the heater is switched on but not currently heating.

PICTURE16



PICTURE17



Customizing Heater Settings in the App (See PICTURE18)

1. Rename Heater:

How to: Tap on “Heater name” to change the name of your heater.

2. Temperature Unit Switch:

Function: Switch the temperature display between Celsius and Fahrenheit.

3. Network:

Adding a Secondary WiFi: Users can add a second alternative WiFi network for the heater.

Modifying WiFi Settings: Allows users to change to a different WiFi network without going through the pairing process again.

Hotspot Auto-Off: For security, this feature automatically disables hotspot access to the heater after 3 minutes of activity.

Deny Web Control: Users can block web (browser) access to the heater’s controller using the heater’s IP address.

4. Time interval Adjustment:

Setting: Alter the time zone specific to your heater.

5. Software Update:

Action: Update the SUNWAY controller’s software to the latest version.

6. WiFi Signal Check:

Feature: Allows users to check the strength of the WiFi signal that the heater is connected to. This helps in diagnosing and avoiding connection issues due to weak WiFi signals.

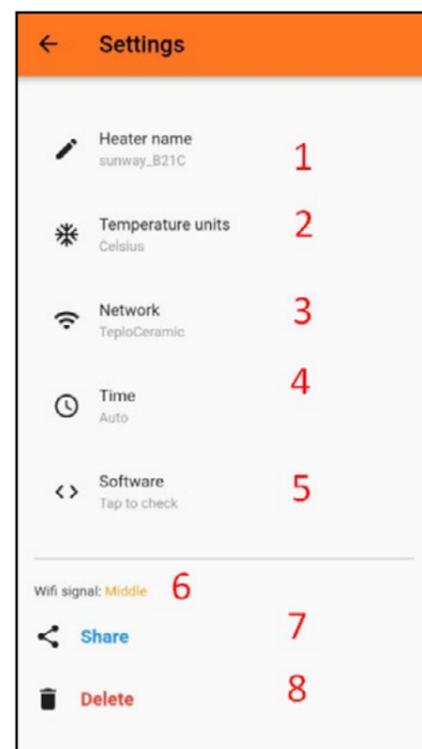
7. Sharing Heater via QR Code:

Feature: Share access to your heater with others by generating a QR code.

8. Delete Heater:

Action: Allows the user to completely delete the heater, clearing all settings associated with it.

- **Note on User Roles:** If the “Owner” (primary administrator) deletes the heater, it will be removed for all users, including secondary administrators (hosts). However, if a secondary administrator deletes the heater, it will not be removed for the primary administrator.

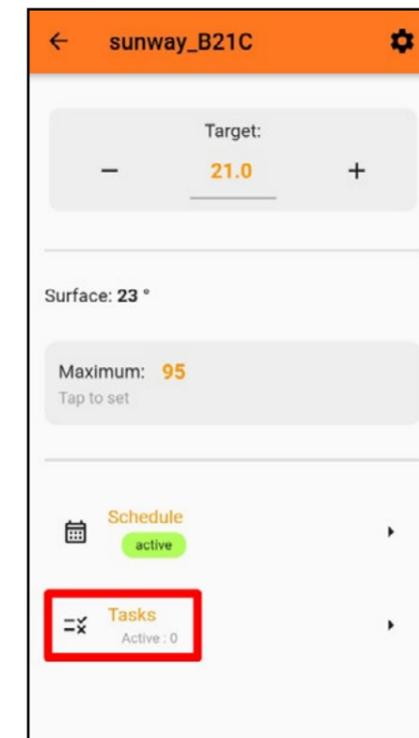


PICTURE18

Setting Up Tasks on the SUNWAY Controller

The Sunway controller provides users with the capability to customize their heater through programming, encompassing **TASKS** (Refer to PICTURE19)

PICTURE19



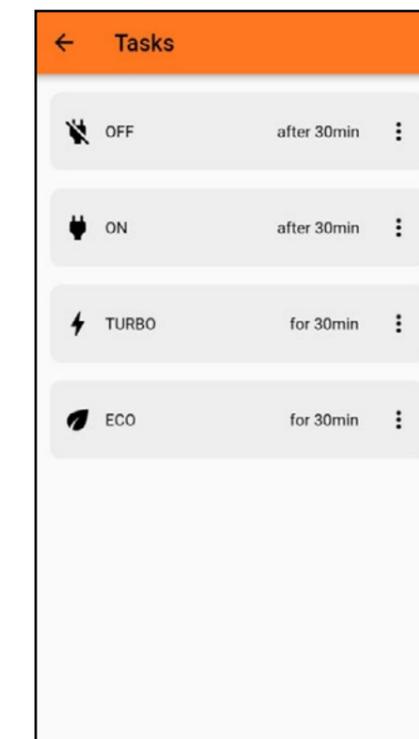
Tasks (Refer to PICTURE20):

Functionality: Allows setting timers for various operations like turning the heater off/on and adjusting power levels.

Types of Timers:

- **OFF Timer:** Utilized to switch off the heater.
- **ON Timer:** Used to power on the heater.
- **FULL POWER Timer:** Sets the heater to operate at its maximum capacity (settings of 25-ambient temperature /95- surface temperature), ensuring optimal room heating.
- **SOFT POWER Timer:** Adjusts the heater to a milder setting (21- ambient /50- surface temperature), providing a gentler heating effect.

PICTURE20



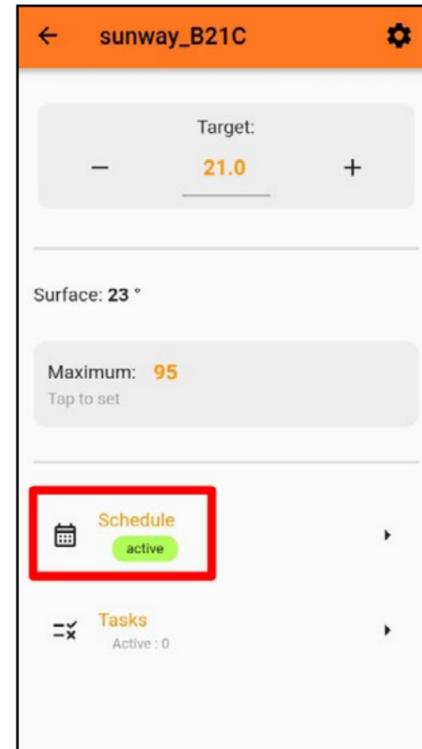
Important Notes on Tasks:

1. TASKS and their shortcuts are only active when content is present within the task.
2. TASKS run independently of world time settings, but will deactivate if the timer is restarted. Schedules, on the other hand, rely on day of the week and local time, and remain active even after a heater restart.

Setting Up Shedule on the SUNWAY Controller

The Sunway controller provides users with the capability to customize their heater through programming, encompassing **SCHEDULE** (Refer to PICTURE21)

PICTURE21



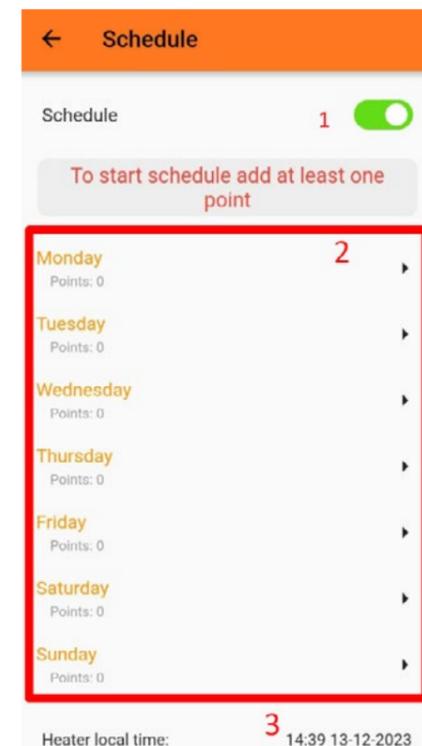
SCHEDULE Functionality (Refer to PICTURE22):

The **SCHEDULE** feature operates as a recurring 7-day cycle, allowing for the configuration of 1 to 5 unique time intervals on each day.

Time interval Configuration:

- **Start Times:** Users can set a specific start time for each time interval. The end time is automatically determined by the beginning of the next time interval.
- **Temperature Settings per Time interval:** Each time interval permits the setting of two temperatures:
 - **Ambient Temperature:** The target temperature for the environment.
 - **Surface Temperature:** The specific temperature for the heater's surface.

PICTURE22



Efficient Multi-Day Scheduling with the SUNWAY Controller

1. Multi-Day Scheduling for Uniform Heating

- **Feature:** Select the same time interval settings for multiple days. Once a time interval is set for a day, these settings can be easily applied to other selected days within the week.
- **Benefit:** This offers consistent temperature control across several days, eliminating the need for day-by-day programming. It's especially useful for a regular heating pattern on weekdays or weekends.
- **In Essence:** The SCHEDULE function allows for precise daily settings and easy replication across multiple days, ensuring a comfortable and efficient heating environment throughout the week.

2. Time interval Start Adjustment

- Tap on the time to modify the start point of any chosen time interval.

3. Setting the Ambient Temperature

- Adjust the target ambient temperature by tapping on the temperature setting.

4. Deleting a Time interval

- Easily remove any unwanted time interval..

5. Surface Temperature Control

- By default, the heater's surface is set to maximum. Tap on the flag icon to open a form for setting your desired maximum surface temperature.

6. Adding a New Time interval

- Introduce additional time intervals as needed.

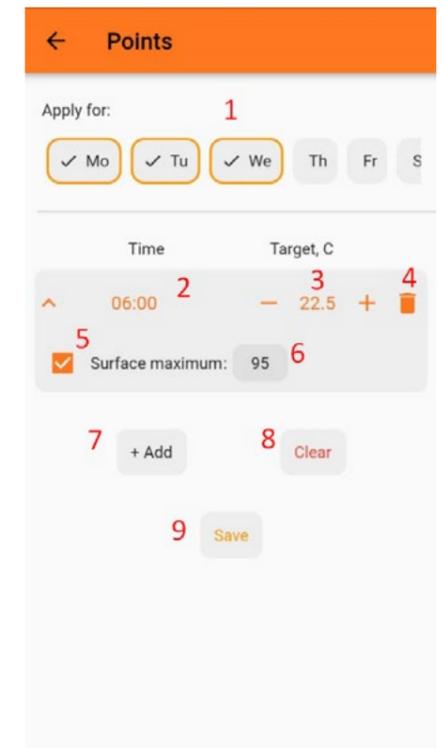
7. Clearing the Schedule

- Erase all existing time intervals and re-set your schedule with a single tap.

8. Saving Your Schedule

- Securely save all your settings to ensure your heating preferences are maintained. For visual instructions and examples, refer to PICTURE23 in the manual.

PICTURE23

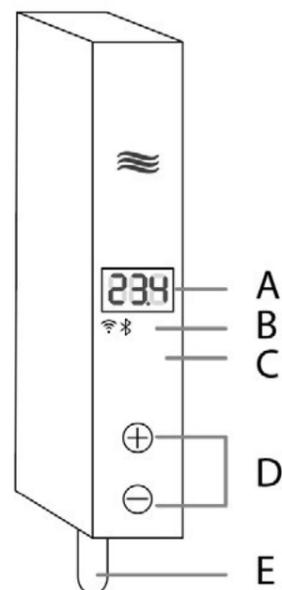


Manual Control: Taking Charge of Your Heater

For times when you prefer a hands-on approach. Use the up and down buttons on the controller.

- A: 3-digit, 8-segment LED Display.
 - B: Pairing Status LED.
 - C: Hidden Ambient Light Sensor.
 - D: Up/Down Key.
 - E: Temperature Sensor with Wi-Fi Antenna.
- (Refer to PICTURE24)

PICTURE24



Heating Modes:

• To Power On:

Execute a prolonged press on the PLUS button, maintaining it for 2 seconds, while the heater remains in its off state.

• To Power Off:

While the heater is active, hold down the MINUS button for a duration of 5 seconds.

• Activating Pairing Mode:

Ensure the heater is turned on, then long-press the PLUS button for a full 2-second count.

• Initiating a Factory Reset:

Transition into off mode, then long-press the both button “+” and “-”, holding it down for 5 seconds.

• **Replacing the heater administrator:** Transition into off mode, then long-press the both button “+” and “-”, holding it down for 5 seconds.

• Checking Surface Panel Temperature:

A quick, simultaneous press of both the up and down buttons will reveal the temperature on the display panel.

• Accessing and Adjusting the Panel Temperature

To view the current surface temperature on your device’s display panel, simultaneously press both the up and down buttons. This action will activate the temperature display.

Modifying Target Surface Temperature

When the displayed temperature begins to flash, it signals the readiness for adjustment.

To modify the target temperature, press the “+” button to increase or the “-” button to decrease to the desired level.

Note: After pressing “+” or “-”, the display will toggle from showing the current surface temperature to the set target surface temperature.

Locking the Buttons: To prevent unintended changes, press and hold both buttons simultaneously for a period of 2 seconds.

• **Exiting Panel Temperature Mode:** A swift press of both buttons at the same time will take you out of the panel temperature adjustment mode.

Hotspot Connection: Seamless Integration with Web Browser

Initiating the Connection via Hotspot Method

1. Hot Spot inicialization

Turning Off the Heater

- Press and hold the “Down” button for 5 seconds until the display turns off. (Refer to PICTURE25)

PICTURE25

Resetting to Factory Settings:

Initiate Reset:

- Press and hold both the “Up” and “Down” buttons simultaneously.

Complete the Reset:

- Keep holding for 5 seconds until the display activates, signaling the reset. (Refer to PICTURE26)

PICTURE26

Network Connection Process:

Accessing Wi-Fi Settings:

For smartphones or PCs, navigate to the Wi-Fi settings.

Connecting to the Thermostat Network:

Look for a Wi-Fi network named approximately ‘sunway_xxxx’ (this is the network generated by the thermostat).

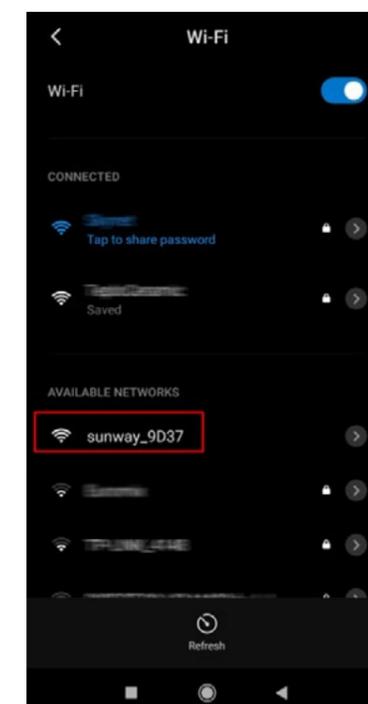
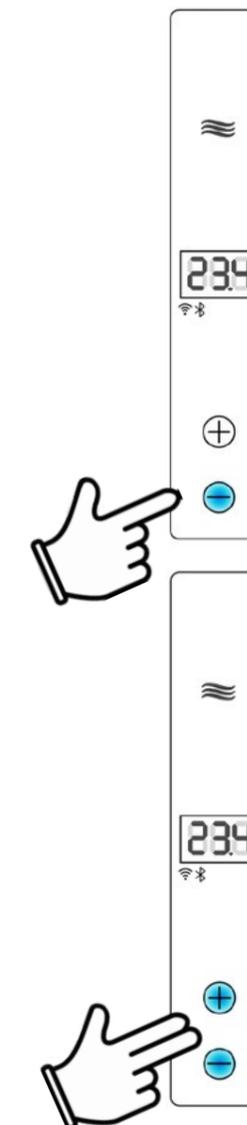
Select this network to initiate connection.

See PICTURE27 for a visual guide.

PICTURE27

Important Reminder:

Immediate Action Required: Once you select the ‘sunway_xxxx’ network, do not wait for the connection to fully establish. Move on to the next step in the setup process without delay.



3. Accessing the Web Interface:

On your Smartphone or PC open your preferred browser and enter 192.168.4.1 in the address bar. (Refer to PICTURE28)



PICTURE28

4. Exploring the Controller's Web Page:

You should now be on the web page specifically for your SUNWAY Controller. (See PICTURE29)

"1" - Heater Name Section:

- Location: Displayed at the top in gray.
- Function: Serves as a clickable link to return to the main page.

Ambient Temperature Management:

- Purpose: Enables tracking and setting of indoor and outdoor temperatures while ensuring settings are retained during heater operation.

"2" - Display of Current Ambient Temperature:

- Information Shown: Exhibits the current temperature inside the room.

"3" - Adjusting Room and Ambient Temperatures:

- Control: Provides a user interface to set desired temperatures for both room and outdoors.

"4" - Activation of Temperature Settings:

- Function: Confirms and activates the newly set room temperature settings.

Surface Temperature Management:

- Objective: Controls and maintains the heater's surface temperature, ensuring settings are consistently saved.

"5" - Monitoring Heater Surface Temperature:

- Reading Displayed: Indicates the current temperature of the heater's surface.



PICTURE29

"6" - Setting Maximum Surface Temperature:

- Control: Allows the user to specify a maximum temperature limit for the heater's surface.

"7" - Activation of Surface Temperature Setting:

- Function: Confirms and implements the new surface temperature settings.

"8-12" Control Settings Section:

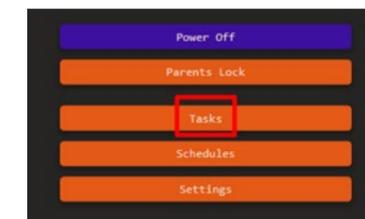
- Features: Includes options for power management, enabling parental lock, customizing task settings, creating schedules, and adjusting general heater settings.

"13" Connection Parameters Overview:

- Details Displayed: Presents critical information like the MAC address, current time, operational duration, connected WiFi network, power level, and the software version of the heater.

Tasks and Their Execution (Refer to PICTURE30)

PICTURE30

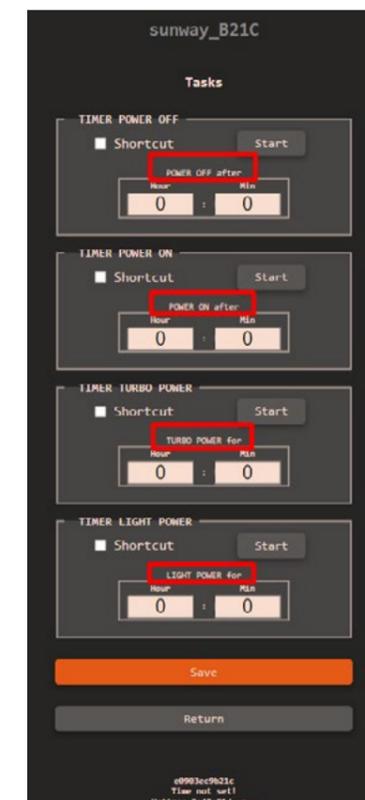


3. Customizing Heater Operations with the Sunway Controller (Refer to PICTURE31):

Overview:

The Sunway controller offers customization through two primary features: TASKS and SCHEDULES.

PICTURE31



TASKS:

Purpose:

Enable the setting of timers for various heater operations such as turning it off/on and adjusting power levels.

Types of Timers:

OFF Timer: Used to automatically switch off the heater.

ON Timer: Activates the heater at a scheduled time.

FULL POWER Timer: Sets the heater to operate at its highest capacity (settings of 25 - ambient temperature / 95 - surface temperature), ideal for quick and efficient room heating.

SOFT POWER Timer: Adjusts the heater to a lower setting (settings of 25 - ambient temperature / 95 - surface temperature), suitable for gradual and gentle heating.

Saving and Executing Task Settings:

Save Button:

Found at the bottom of the control page, this button is essential for saving all Task settings.

Direct Task Control:

Start Button: Immediately initiates a Task without saving.

Stop Button: Halts an ongoing Task instantly.

Important Note:

Remember to press the 'Save' button to apply any changes to the settings.

State of the Heater: Navigating Through Modes

The Sunway Heater can exist in three distinct states, each with unique functionalities:

1. Working:

All functions are active, heating is enabled, and the display is operational.

2. Sleeping:

Both the display and heater are deactivated, while all other functions remain active.

- Note: When the description mentions "off/disabled," it refers to this sleep mode.

3. Off:

All functionalities are disabled, except the "+" button. Remote control and timers can't be used to turn on the heater in this state; only the physical "+" button can achieve this.

SCHEDULE:

SCHEDULE Functionality:

Acts as a repetitive cycle over a 7-day period, where each day can include 1 to 5 distinct time intervals.

Multi-Day Scheduling (Refer to PICTURE32):

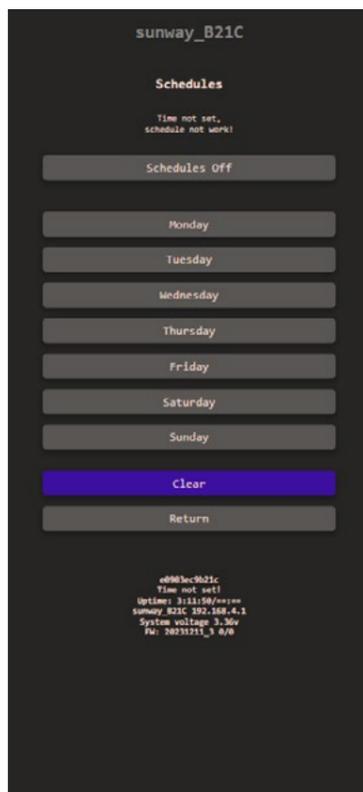
- **Feature:** Users have the option to select multiple days for the same time interval settings. This means that once a time interval is set for a particular day, the same settings can be applied to other chosen days within the 7-day cycle.
- **Benefit:** This allows for consistent temperature control across multiple days without the need to individually program each day. It is particularly useful for maintaining a regular heating schedule during weekdays or weekends.

Time interval Configuration (Refer to PICTURE33):

- **Start Times:** Users can set a specific start time for each time interval. The end time is automatically determined by the beginning of the next time interval.
- **Temperature Settings per Time interval:** Each time interval permits the setting of two temperatures:
 - **Ambient Temperature:** The target temperature for the environment.
 - **Surface Temperature:** The specific temperature for the heater's surface.

In summary, the SCHEDULE function not only allows for detailed daily programming but also enables users to easily replicate these settings across several days, streamlining the process of maintaining a comfortable and efficient heating environment throughout the week.

PICTURE32



PICTURE33



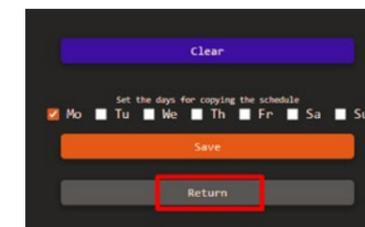
Important Notes on Tasks:

Tasks and their shortcuts are only active when content is present within the task.

TASKS run independently of world time settings, but will deactivate if the timer is restarted. Schedules, on the other hand, rely on day of the week and local time, and remain active even after a heater restart.

Navigating Back: Use the "Return" button to go back to the previous screen (Refer to PICTURE34):

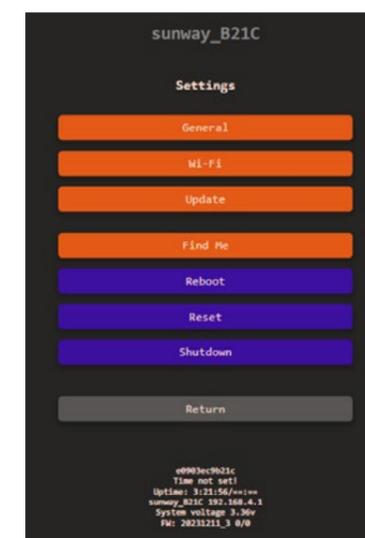
PICTURE34



Accessing the Settings (Refer to PICTURE35):

- **General Settings:** Customize the device name, set time zones, manage user access, and configure Wi-Fi access points.
- **Update Page:** View the current firmware version, available updates, and initiate a software update when necessary.
- **FindMe:** Locates a heater among several working nearby.
- **Reboot:** Reboots the device.
- **Reset:** Resets to factory settings (all settings and users are deleted!!!).
- **Shutdown:** Completely shuts down the heater. NOTE: It can only be turned off by pressing the "-" button on the heater.

PICTURE35



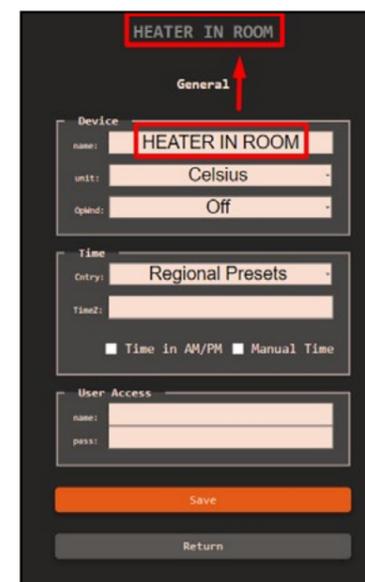
Page General:

Device Section:

Naming the Heater (Refer to PICTURE36):

- **Description:** This feature allows you to personalize the name of your heater, replacing the default 'Sunway_XXXX' identifier.
- **Flexibility:** The naming convention supports the inclusion of spaces, enabling a more customized and recognizable designation for your heater.

PICTURE36



Time Section (Refer to PICTURE36):

- **TimeZ:** Sets the time zone for the heater. The operation of schedules and usage statistics depends on this setting. Find your zone settings here. Example: Europe/Kiev, Europe/Uzhhorod, Europe/Zaporozhye are available for Ukraine.

- **Time in AM/PM:** Displays time in 12-hour format. The format for time input on pages depends only on the device settings.
- **Manual Time:** Manually sets the time if you have problems synchronizing via the Internet.

User Access Section:

- **User login and password** used to restrict web access.

WIFI Access Point Section:

- Sets up an **access point** to control the heater independently of Wi-Fi networks.
- **Access Point AutoOFF:** If active, the access point turns off after 3 minutes from the heater's start. A connected user will delay this time. It is recommended to set a password for the access point.

WIFI Sta #0 Section:

- Wi-Fi network access settings. Also used in app settings.

WIFI Sta #1 Section:

- Sets up an additional network and connection parameters (Static IP).

Update Page:

- Update the heater's software, use only when necessary.
- **FW ver.:** Current version.
- **Available FW ver.:** Version available for update.
- **WEB Update:** Software update.

5. OpenWindow Feature Enhancements in Sunway Controller

Feature Overview:

(See PICTURE36, labeled as "OpWnd")

The OpenWindow detector is crafted to identify when a window is opened, principally through rapid temperature changes. When a drop in temperature is detected, it intelligently adjusts heating to conserve energy.

Key Functionalities:

Detection Criteria:

The feature activates if the room temperature drops by 0.5 degrees Celsius within 30 seconds, indicating an open window.

Deactivation Condition:

The function deactivates if there's an increase in room temperature of 0.2 degrees Celsius within the same time frame, suggesting the window has been closed.

Updated Settings in Web Menu:

Settings-General:

Newly introduced settings for the OpenWindow feature include modes like OFF, PASSIVE-BEEP, ACTIVE-MUTE, and ACTIVE-BEEP.

Safety Guidelines and Remote Operation Instructions for Your SUNWAY Heater

Remote Control with Family Sharing

Control your SUNWAY heater remotely using your smartphone, compatible with various WLANs or mobile networks (3G/4G). Ensure the heater is connected to a 2.4GHz Wi-Fi network, as it does not support 5.0GHz networks. While remote operation is convenient, always adhere to the safety measures detailed in the user manual.

Family Sharing Features

Once the control of the heater is shared with a family member, the SUNWAY heater and app will display the temperature and settings chosen by any family member who has access. This shared control allows each member to adjust settings, providing comprehensive yet individualized control for the entire family.

Note: While sharing grants comprehensive control rights, it does not permit further sharing of control privileges.

Timers for Safe and Smart Heating

Countdown Timer: This one-time feature deactivates the heater after a user-specified duration. It must be manually activated each time and does not automatically repeat.

SCHEDULE Function: Different from the Countdown Timer, the SCHEDULE operates based on specific global times. Once activated, it cycles weekly, automatically turning the heater on and off at pre-set times, ensuring a consistent and convenient heating schedule.

Data Storage and Safety Measures

Timers' Data Management:

Countdown Timer: The settings are not saved when the heater is turned off or unplugged. Using the ON/OFF button, main switch, or unplugging the heater will clear the settings.

SCHEDULE (Smart Timer): Settings are saved within the heater. Even if Wi-Fi is disconnected, the heater adheres to the SCHEDULE, preventing unexpected operation. These settings persist even if the heater is turned off or unplugged. Changes to the SCHEDULE can only be made through the App, and it's vital to regularly check the App to ensure accuracy.

Stay Informed

Access the comprehensive SUNWAY Smart App user manual for detailed instructions by scanning the QR code below.

Experience efficient, safe, and family-friendly heating with your SUNWAY heater.