Smart EVC

User Manual V1.1.6

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1.Overview

Smart EVC is an innovative, easy-to-use application designed for your electric vehicle (EV) charging needs. This app is tailored specifically for EU standard charging stations, marrying an array of practical functionalities with a user-friendly interface for a streamlined, efficient EV charging experience. Device Control: Initiate or stop charging with the simple press of a button. Monitor device parameters effortlessly, keeping you informed about the operational status of your charging station throughout your charging process.
Scheduling Feature: Seamlessly integrate charging times into your daily routine. Set times in advance and let your EV charge as per your schedule.
Adjustable Maximum Charging Power: Manually set the maximum charging power to prevent potential power grid overloads and ensure optimal charging efficiency.
RFID Card Management: Bind RFID cards to your device for easy swipe-to-charge functionality. Each device supports up to eight cards, accommodating multiple users whether for family or business needs. Download Smart EVC today and embrace a more efficient and intelligent EV charging lifestyle.

2.APP installation page

2.1 Quick installation instruction

Download the APP software from Google play or Applestore and install it.The quick installation instruction is as follows:

2.2 Installation notes

The installation process of different mobile phones is not exactly the same, so you can just follow the installation instructions and proceed step by step

The permissions required to use the APP and the system during installation need to be authorized, otherwise the program will not run normally.

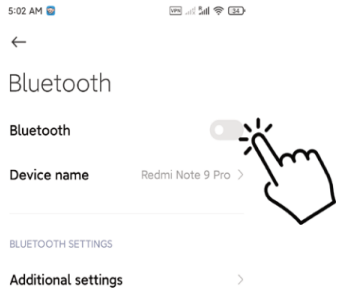
Please pay special attention that the program will need to use storage permission, location access permission, and Bluetooth, and Wi-Fi should be turned on, while some permissions are required for related hardware and mobile phone operating systems.The APP will not run normally without these permissions.

When some permissions are not authorized during installation, the APP will prompt that some certain permissions are needed when using the APP, and automatically guide to set certain permissions.

2.2.1 Guide to turn on the Bluetooth page

When searching for charging stations, if Bluetooth is not turned on, it will prompt to turn on Bluetooth:

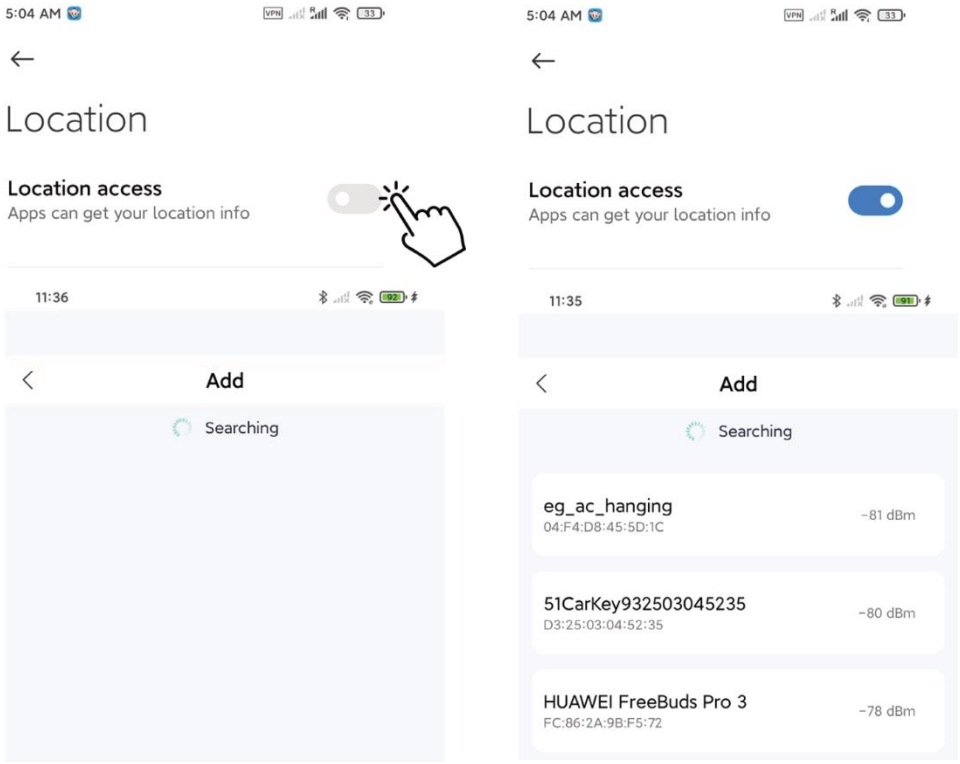






2.2.2 Guide to turn on the Location page

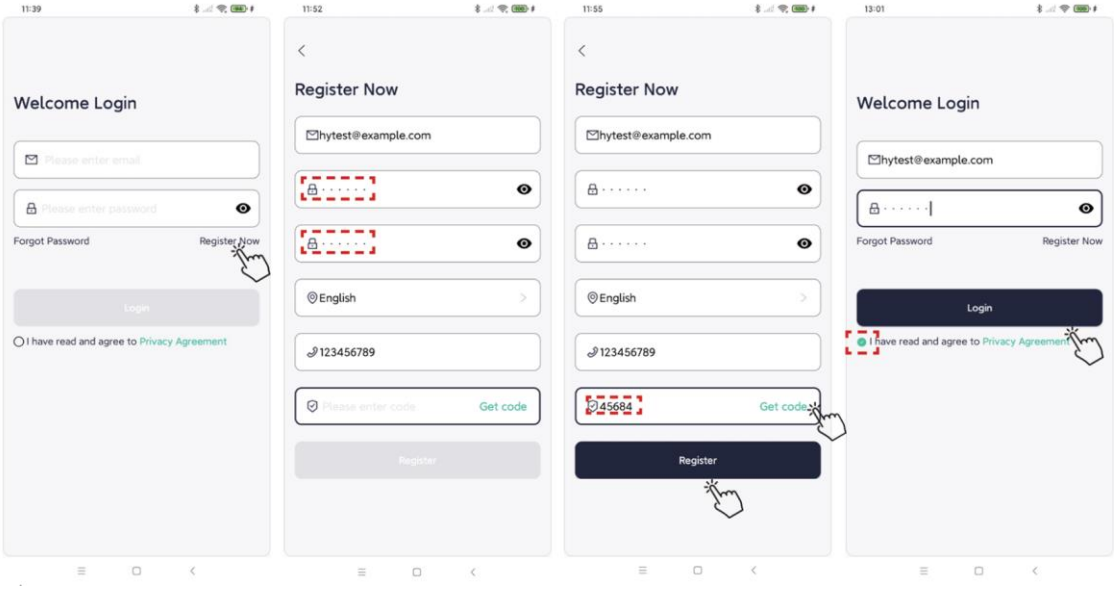
When searching for charging stations, if Location is not turned on, the device is undetectable.



3.APP operation page

3.1 Register user account for first use

The first step is to click on register, then get the code from your email and fill it in, then enter the password and click register. After the registration is successful, return to the login page and enter the email and password you just filled in to enter.



3.2 Connect the charging station for the first time

First, make sure your phone is close to the device you want to add, and your phone's network, Bluetooth, and location are turned on. Click the "+ Add device"to enter the add device page.

3.2.1 How to Connect Your Charger

1.Find MAC Address: Check the top-right corner of the charger screen. No MAC address? Just scan the on-screen QR code.

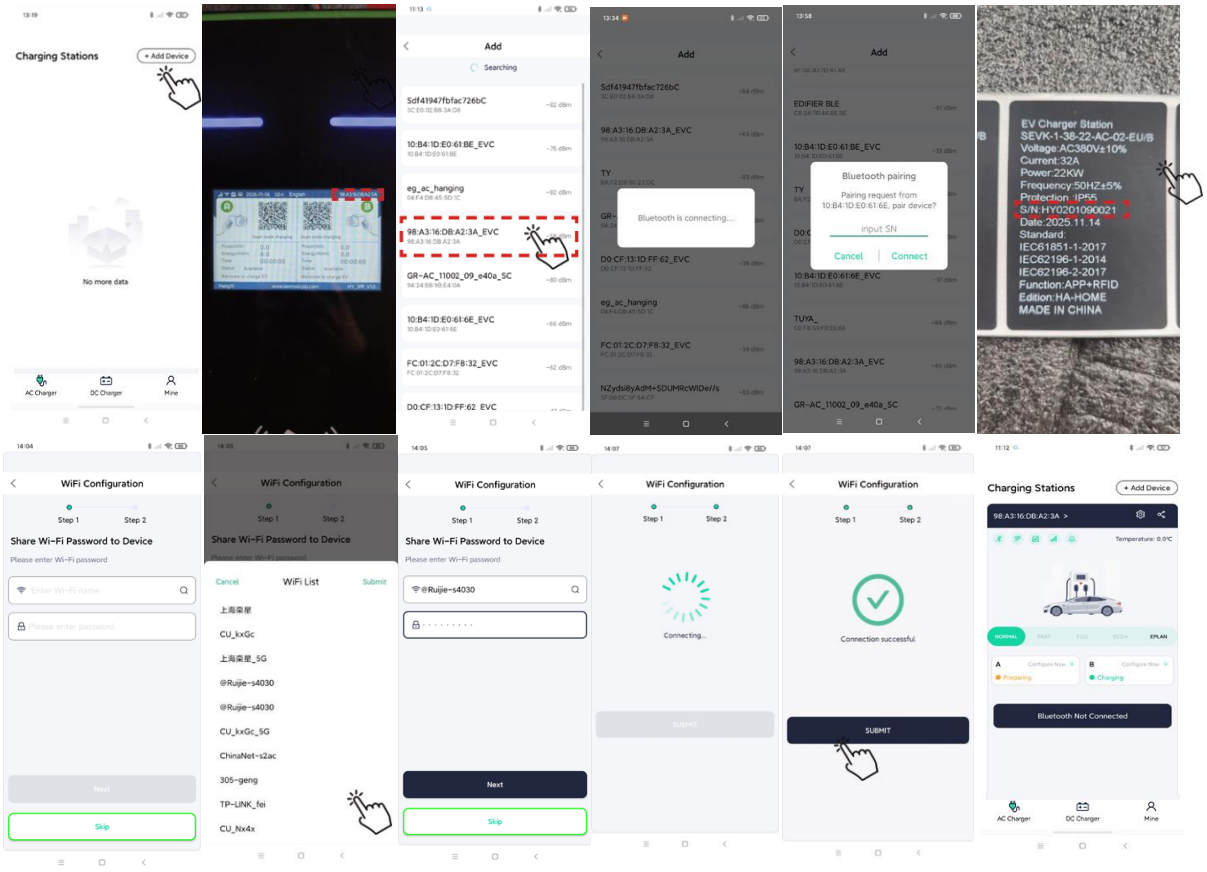
2. Connect via Bluetooth: Tap the "+ Add Device" button to enter the Bluetooth pairing interface. From the list of available devices, find and select the one named [MAC Address]_EVC.

3.Verify SN: Enter the Serial Number (SN) found on the black label on the side of your charger (see image below).

4.Scan for WiFi: In the "WiFi Configuration" page, tap the Search (Magnifying Glass) icon. (Make sure your phone WiFi is turned on!)

5.Configure: Pick your WiFi, enter the password, and tap Next.

6.Finish: Wait for Step 1 (Connecting) and Step 2 (Success) to complete, then tap SUBMIT to bind your device.



3.2.2 Failed to Add Device / Troubleshooting

If you encounter issues during the binding process, please refer to the following solutions:

1. Message: "Device is Bound"

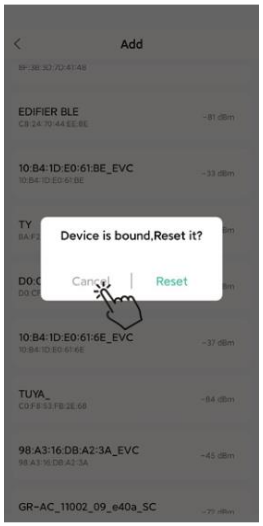
Action: Select the "Reset" option in the app.

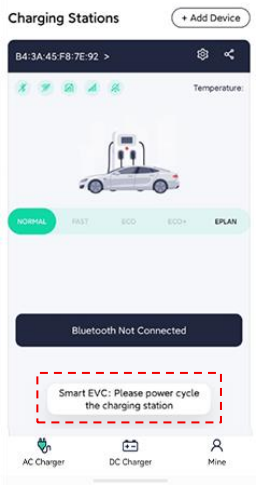
Critical Step: After the app displays "Reset Successful," you must manually power off the charging station (switch off the circuit breaker) and then restart it.

Note: The charging station will NOT restart automatically. You must cut the power supply completely to finalize the reset before attempting to bind again.

Re-binding: Once the device has restarted, please return to section 3.2.1 "How to Connect Your

Charger" to re-execute the binding process.





2. Network Configuration Failure

Error Message: "Connection failed".

Cause: Incorrect Wi-Fi password or weak signal.

Solution: Follow these steps to re-configure the network:

Exit the Prompt: Tap the "SUBMIT" button on the error screen to return to the Home Page.

Locate Device: Find your charging station on the Home Page using its unique MAC address.

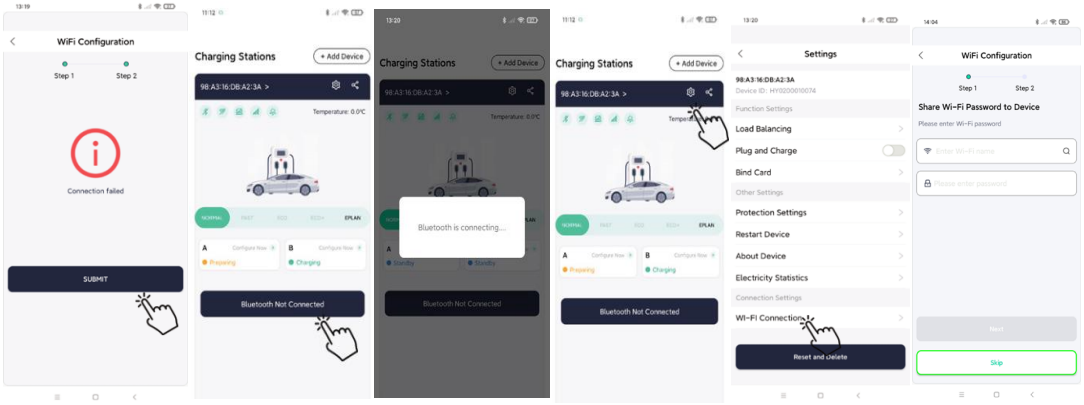
Check Bluetooth Status:

If you see the "Bluetooth Not Connected" button, tap it to establish a connection.

If this button is not visible, your phone is already connected to the charger via Bluetooth.

Enter Settings: Tap the Gear icon (Settings) in the top-right corner of the screen.

Re-configure Wi-Fi: Select "WI-FI Connection" from the settings menu and re-enter your network credentials.

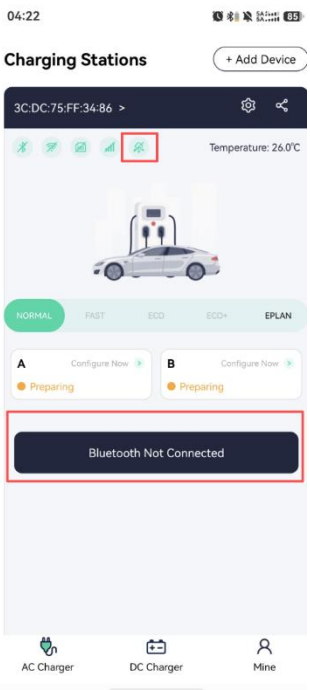


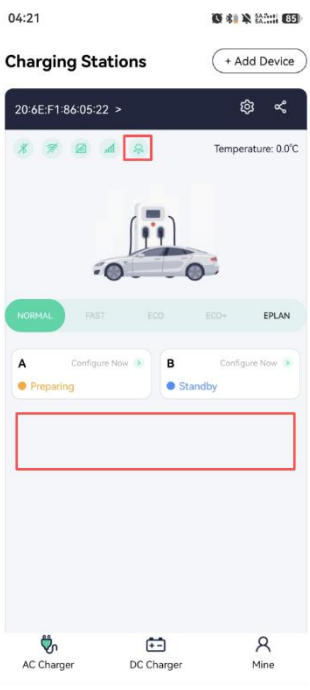
3.3 Quickly connect the charging station

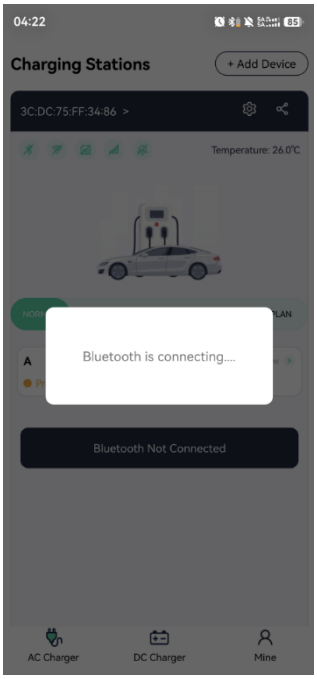
After the initial binding is completed, the APP will remember the most recently used charging station for quicker access.

Automatic Connection: When the charging station is powered on, the Wi-Fi configuration is completed, and the device is successfully connected to the cloud platform, the APP will automatically connect to the device through the cloud. In this case, the “Bluetooth Connection” button in the device list will be automatically hidden, and no manual operation is required.

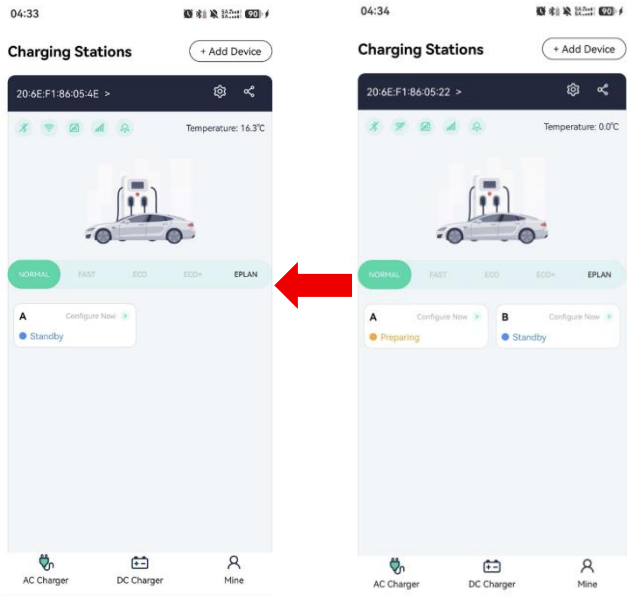
Offline Bluetooth Connection: When the charging station loses its network connection, goes offline, or disconnects from the cloud platform, the "Bluetooth Connection" button will automatically appear. Users can tap this button to establish a local Bluetooth connection with the charging station and continue to control the device and view its status.
The Bluetooth button will be automatically shown or hidden according to the device's network connection status and will not affect normal use.







3.4 Quickly switch charging stations



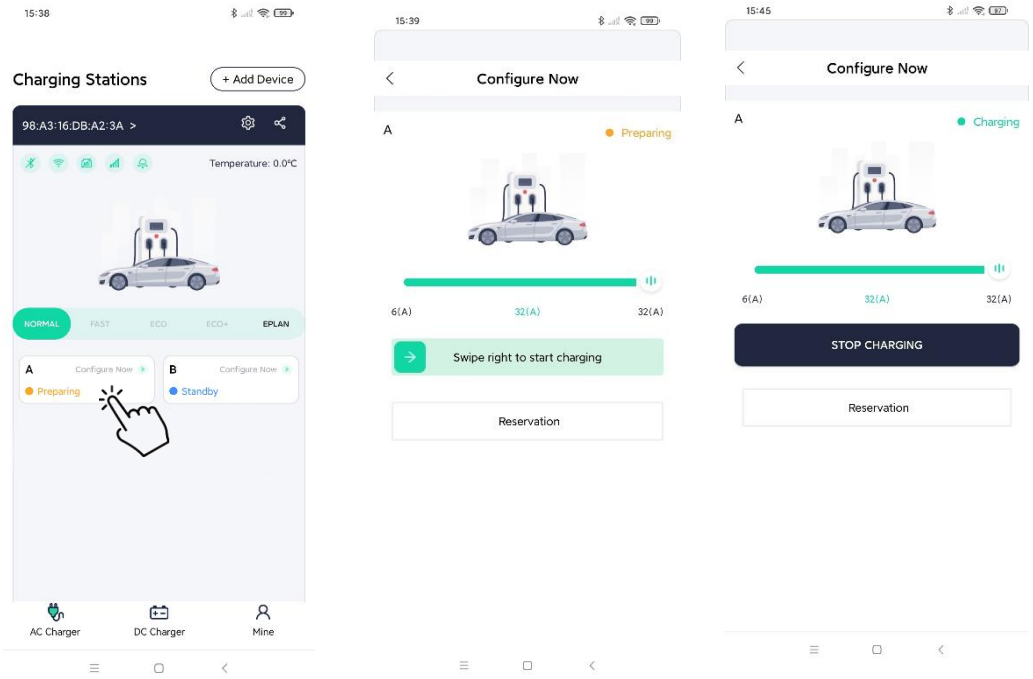
The APP supports binding up to 100 charging stations.

When multiple charging stations are bound, the APP will save them in the device list. To switch to another charging station, swipe right on the screen and select the desired device.

If the selected charging station is offline, the connection attempt will fail.

3.5 Instruction on fast charging

To complete a charging session, first connect Gun A to your vehicle to automatically update the status from Standby to Preparing. Next, tap the Gun A icon to enter the details page and simply swipe the slider from left to right in the "Swipe right to start charging" area to initiate the session. The APP will then transition through the Available, Preparing, Charging, and Finished pages in sequence as shown in the screenshots below.



3.6 Home page

The Home Page is the central control hub for the EV charger, providing an overview of the device status, connection status, operating information, and available configuration options.

Device Access: The + Add Device (1) button is used to bind a new charging station. Tap the Device Name (2), displayed as the device MAC address, to enter the Charging Station Details page.

System Control: Tap the Settings icon (3) to configure the charging station. Tap the Share icon (4) to manage device-sharing permissions.

Connection Status: The Status Area (5) displays the real-time connection status of Bluetooth, Wi-Fi, Ethernet, 4G, and the cloud platform.

Environmental Data: The charger’ s real-time operating temperature is displayed in the Temperature Area (6).

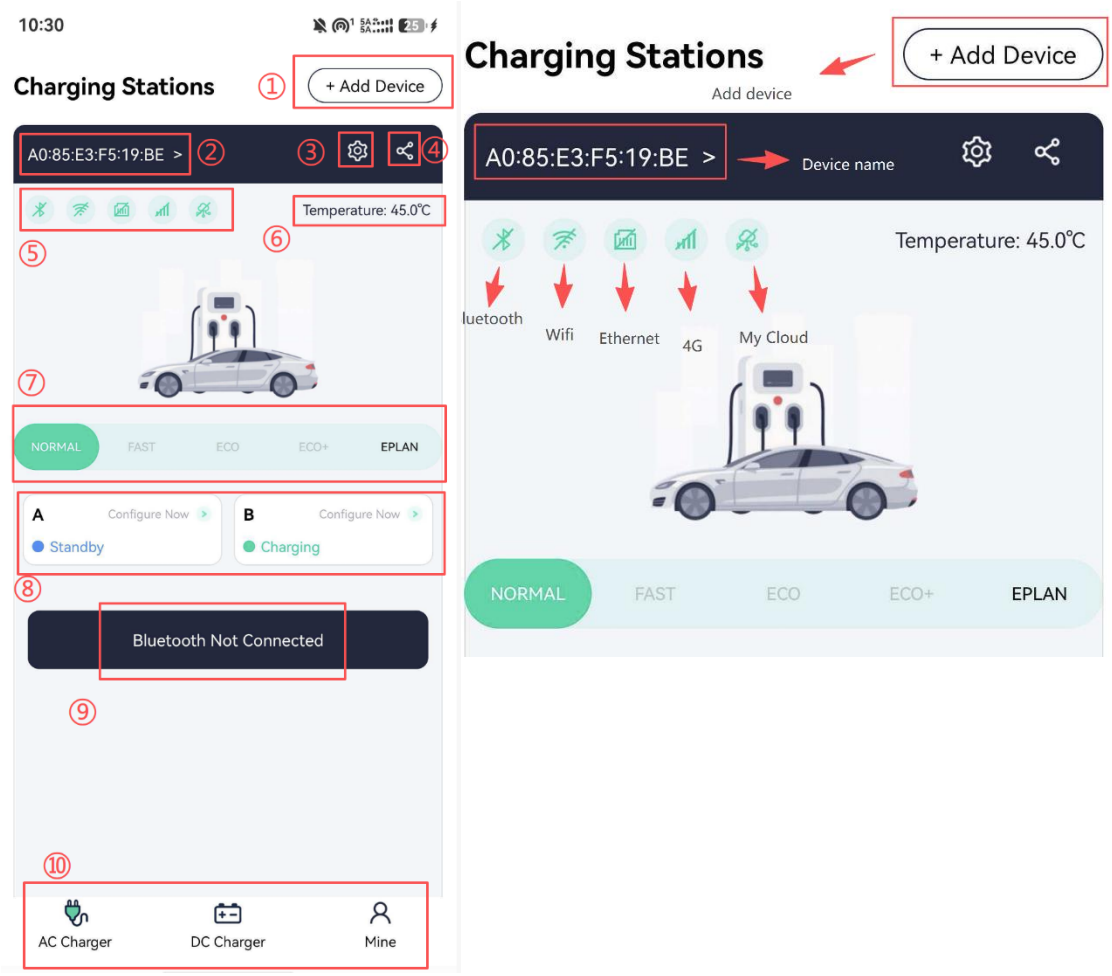
Working Mode Selection: The Working Mode Area (7) allows users to select a charging mode, including NORMAL, FAST, ECO, ECO+, and EPLAN.

Connector Selection: For dual-connector models, the Connector Selection Area (8) displays the independent operating status of Connector A and Connector B.

Offline Bluetooth Connection: The Bluetooth Connection Button (9) is displayed only when the charging station is offline. It allows users to connect to and control the charging station locally through Bluetooth. When the charging station is online and connected to the cloud platform, this button is automatically hidden.

Navigation Bar: The bottom Navigation Bar (10) allows users to switch between the AC Charger,

DC Charger, and Mine pages. The DC Charger function is currently under development and is not yet available.



3.6.1 Home page - charging mode

Our APP provides five distinct charging modes to suit various energy needs and household electricity conditions. Please note that FAST, ECO, and ECO+ modes are available only when the "Green Energy" function is enabled.The charging product in Mode 2 does not have FAST ECO ECO+function

NORMAL Mode (Default): This is the factory default "Free Mode". It does not follow any automated energy strategies, allowing you to manually configure all charging parameters to your preference.

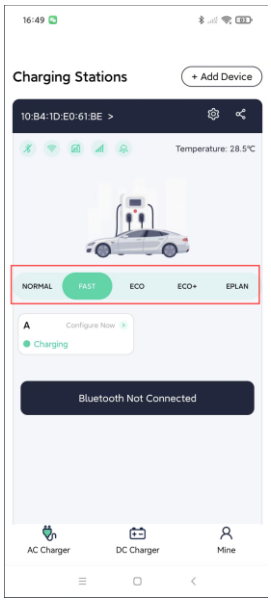
FAST Mode: Designed for users who need the quickest possible charge. It utilizes the maximum grid power available, ensuring the battery remains in backup status (Inverter Backup) without being discharged, focusing purely on high-speed charging.

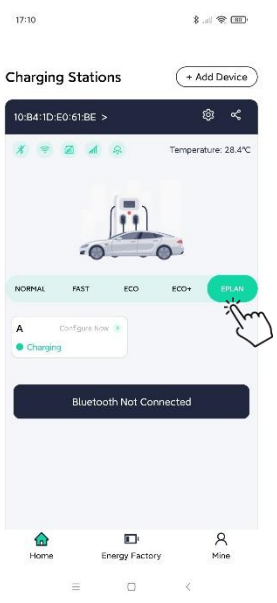
ECO Mode: Ideal for homes with solar or energy storage systems. By monitoring your home's realtime electricity load via a Current Transformer (CT), the charger dynamically adjusts its output. Itprioritizes your home's power needs while ensuring the vehicle continues to charge at a minimum current without interruption.

ECO+ Mode: An enhanced version of ECO mode for maximum home electricity priority. If your home's electricity demand remains high even when the charger is at its minimum output, ECO+ will pause the charging session entirely to prevent overloading. Charging automatically resumes

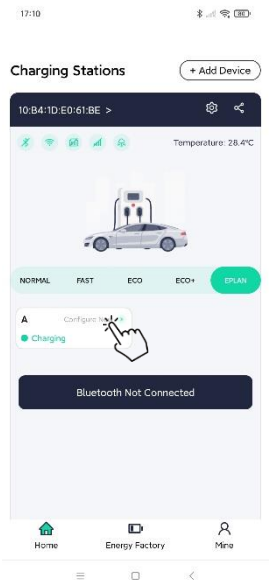
at full power once the home load remains idle for one hour.

EPLAN Mode: A smart cost-optimization strategy based on Time-of-Use (TOU) pricing. The APP automatically categorizes your 24-hour electricity price table into four tiers. It maximizes charging power during the cheapest hours and reduces it to a maintenance level (6A) during peak hours to significantly lower your utility costs. You can also set a target kWh for the session.To activate the smart cost-saving features of EPLAN Mode, users must manually enter a 24-hour electricity price table into the APP.Please refer to the illustrated guide below for the step-by-step entry process:

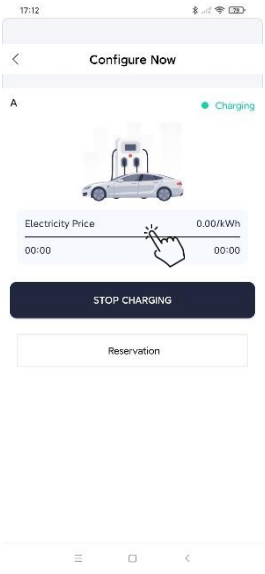




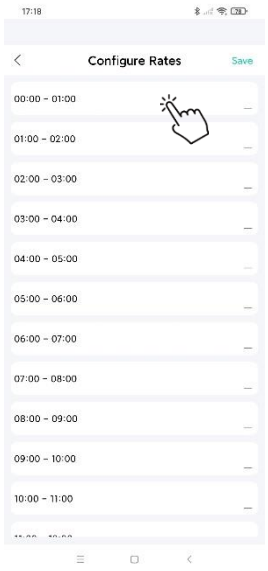
Select Eplan mode in the mode area



Select gun A to enter the next interface



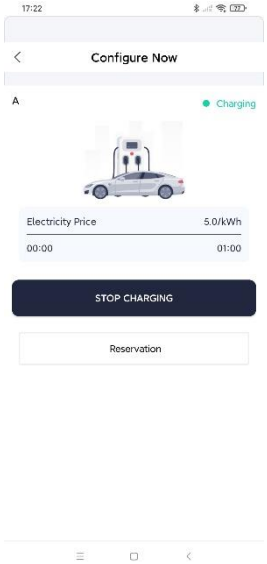
Click on the electricity price table



Fill in the electricity prices for 24 time periods



Make sure the input is correct and click save



Setup successful

3.6.2 Home page – Setting

Tap the gear icon in the top-right corner of the Home Page to enter the **Settings** page. The Settings page is organized into four main sections for managing and configuring the charging station.

Device Identification: The top section displays the **Device Name** (MAC address) and the unique **Device ID** (SN code), which are used to identify the charging station.

Function Settings: This section includes **Smart Charging**, **Plug and Charge**, and **Bind Card**. The **Smart Charging** menu provides the following intelligent charging control functions:

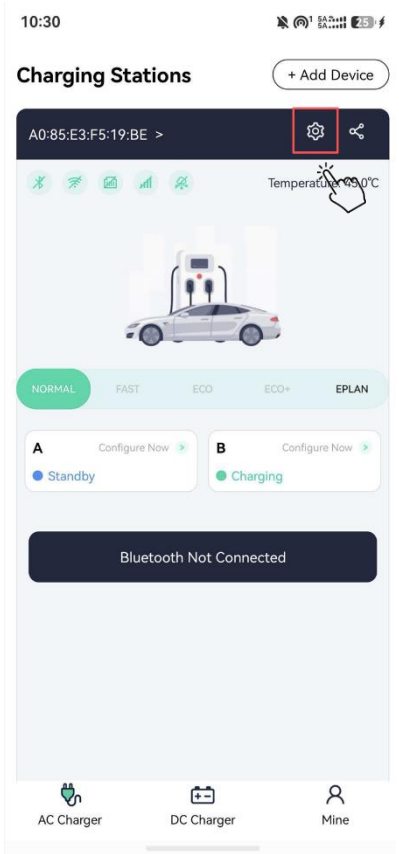
- **Load Balancing:** Dynamically adjusts the charger's output according to the available household power capacity to help prevent electrical overload.
- **Green Energy:** Adjusts charging based on the available renewable energy, such as power generated by a photovoltaic system.
- **Group Load Balancing:** Dynamically distributes the available power among multiple charging stations to improve power utilization and prevent the total load from exceeding the configured limit.

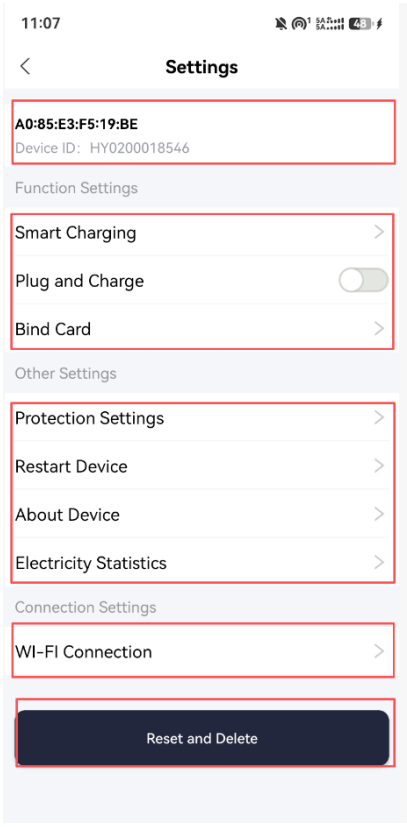
The **Plug and Charge** switch enables or disables automatic charging after the vehicle is connected. The **Bind Card** menu is used to add and manage RFID cards.

Other Settings: This section provides maintenance, safety, and device information functions, including **Protection Settings**, **Restart Device**, **About Device**, and **Electricity Statistics**.

Connection Settings: Use the **Wi-Fi Connection** menu to configure the charging station's network connection or update its Wi-Fi credentials.

Unbinding the Device: Tap the **Reset and Delete** button at the bottom of the page to reset the charging station and remove it from the current account and app.





Ⅰ Home page - Settings – Smart Charging

The Smart Charging page provides intelligent power-management functions for the charging station. It includes Dynamic Load Balancing, Green Energy, and Group Load Balancing.
Note: These functions are mutually exclusive. Only one Smart Charging function can be enabled at a time.

Dynamic Load Balancing (DLB)

Dynamic Load Balancing adjusts the charging current according to the available household electrical capacity. This helps prevent the total household load from exceeding the configured limit.

Before enabling this function, set the maximum available household current in Set Total Home Current (A). The charging station will dynamically increase or reduce its charging current based on the available power.

Green Energy

The Green Energy function allows the charging station to adjust charging according to the household’ s photovoltaic generation, energy-storage output, and utility-grid power flow.

After Green Energy is enabled, the FAST, ECO, and ECO+ charging modes become available on the Home Page.

The following parameters can be configured:

- ECO Min Green Level (A): Sets the minimum charging current for ECO mode. The default value is 6 A. When power begins to be imported from the utility grid, the charging station gradually reduces the charging current. Charging continues at the configured minimum current after this limit is reached.
- ECO+ Min Green Level (A): Sets the minimum current threshold for ECO+ mode. The default value is 6 A.

When the charging current is reduced to this value because insufficient green energy is available, charging stops automatically. The charging station waits until sufficient photovoltaic or energy-storage power becomes available before resuming charging.

The Green Energy function requires a compatible DTU wireless communication device. The DTU continuously monitors the household power flow and provides real-time information about utility-grid import, photovoltaic generation, and energy-storage output.

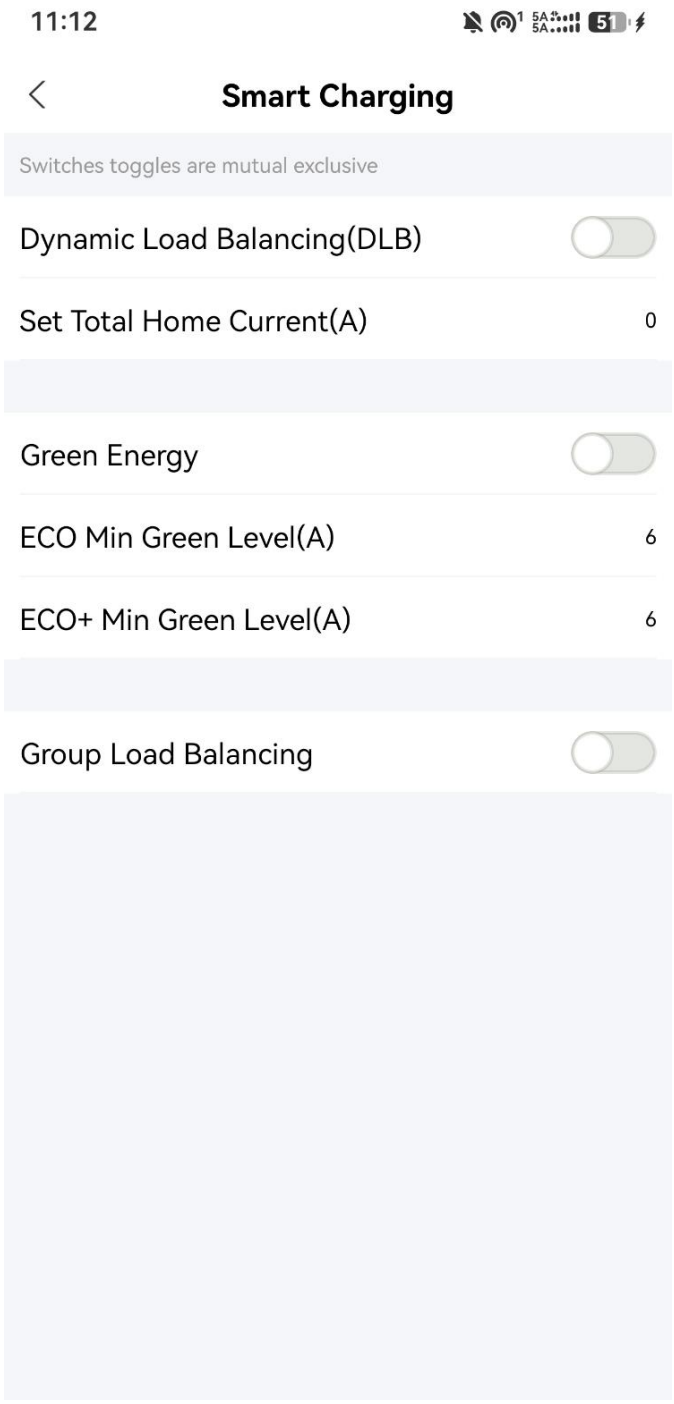
To purchase or configure a compatible DTU, please contact the charger supplier.

Group Load Balancing

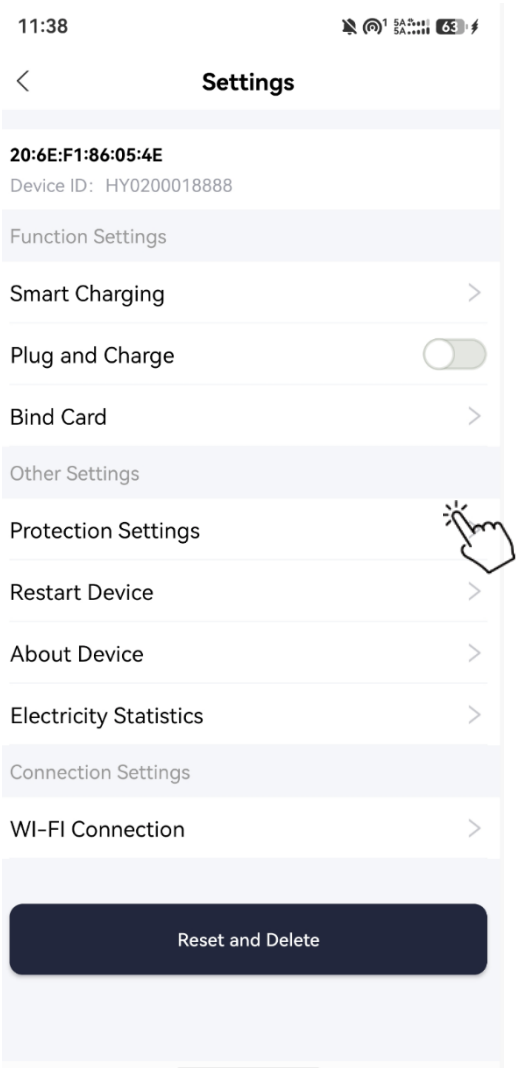
The Group Load Balancing function dynamically distributes the available power among multiple charging stations to prevent the total load of the charger group from exceeding the configured limit.

This function also requires a compatible DTU. After Group Load Balancing is enabled, the charging station automatically joins the charger group created and managed by the DTU.

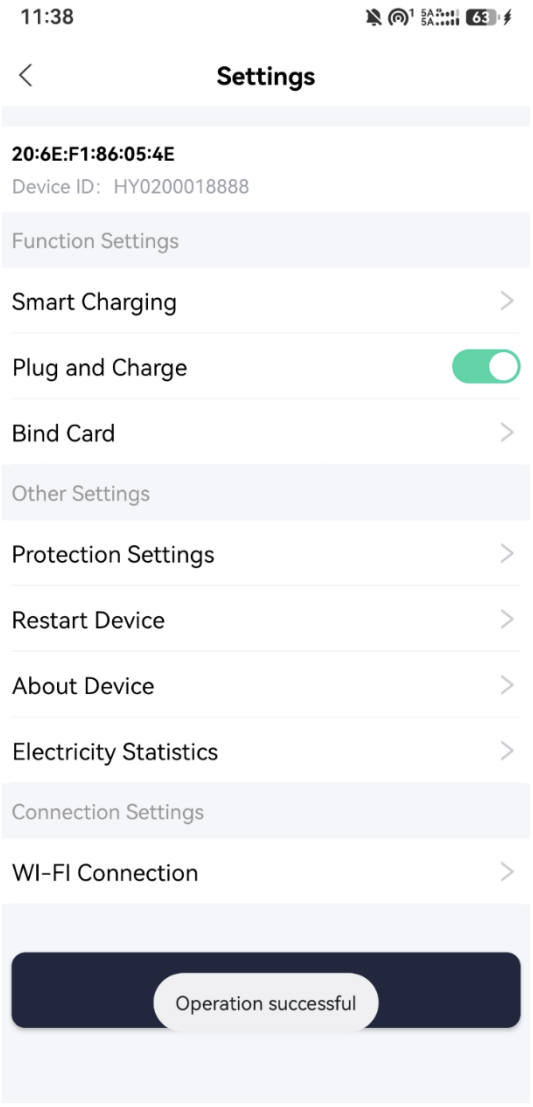
If the function cannot be enabled, check that:
●The DTU is powered on and operating normally.
●The DTU is correctly connected and configured.
●The charging station can communicate with the DTU.



II Home page - Setting - Plug and Charge



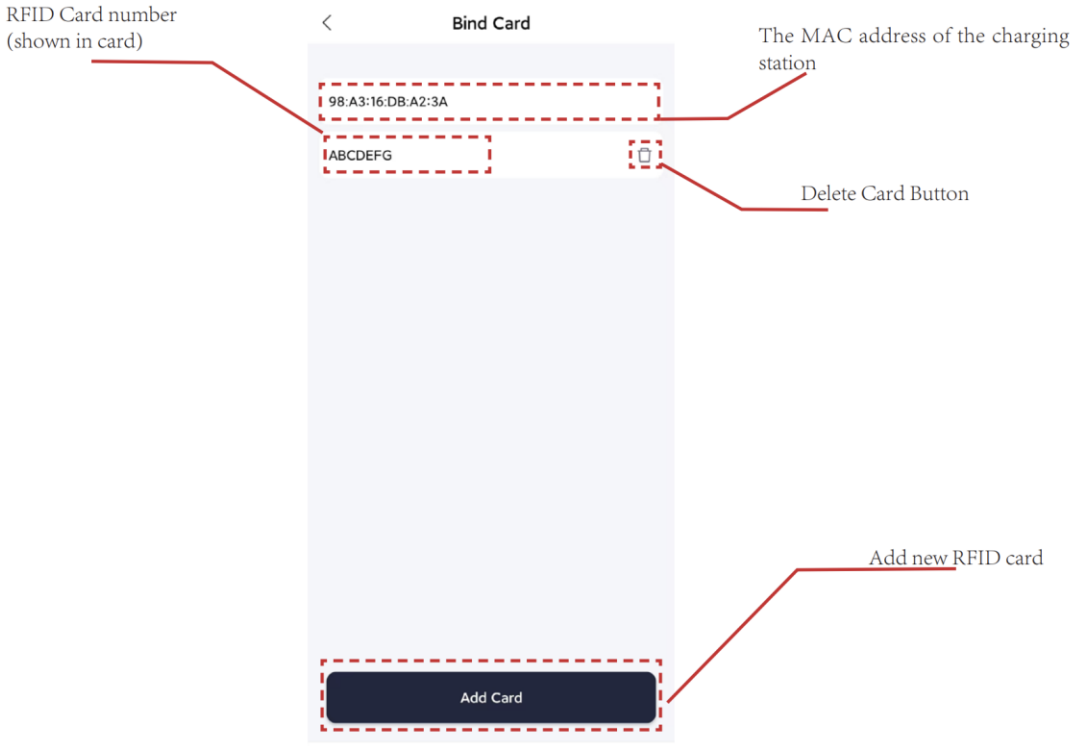
Plug and Charge: Once the plug&charge mode is enable, thecharger will start to charge immediately after the charging gun is plugged in. The charger wilbe stopped by Unplugging the charging gun or by finishing this charging process.

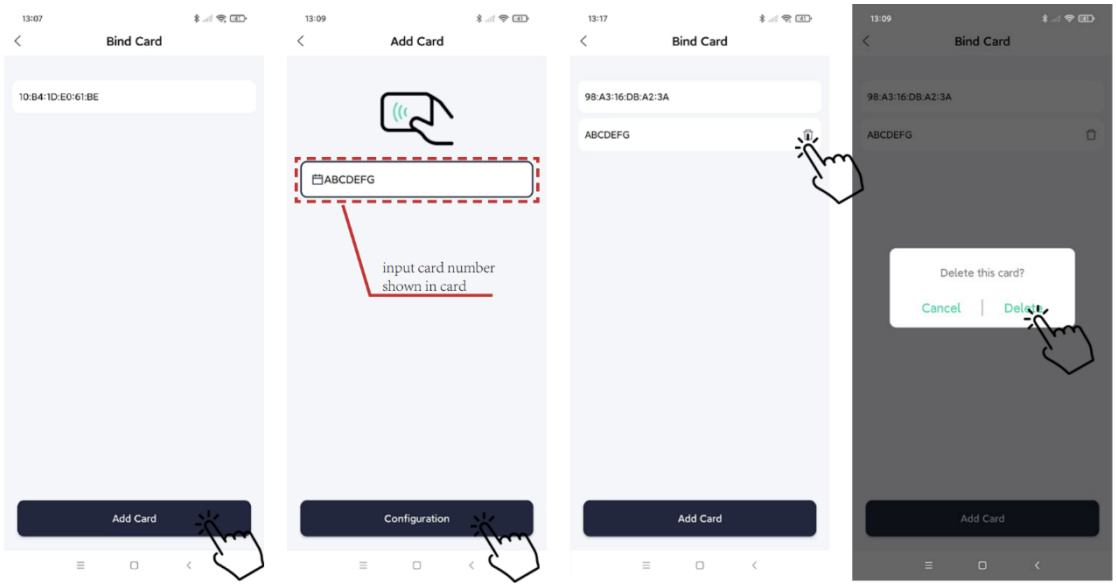


III Home page - Setting - Bind Card

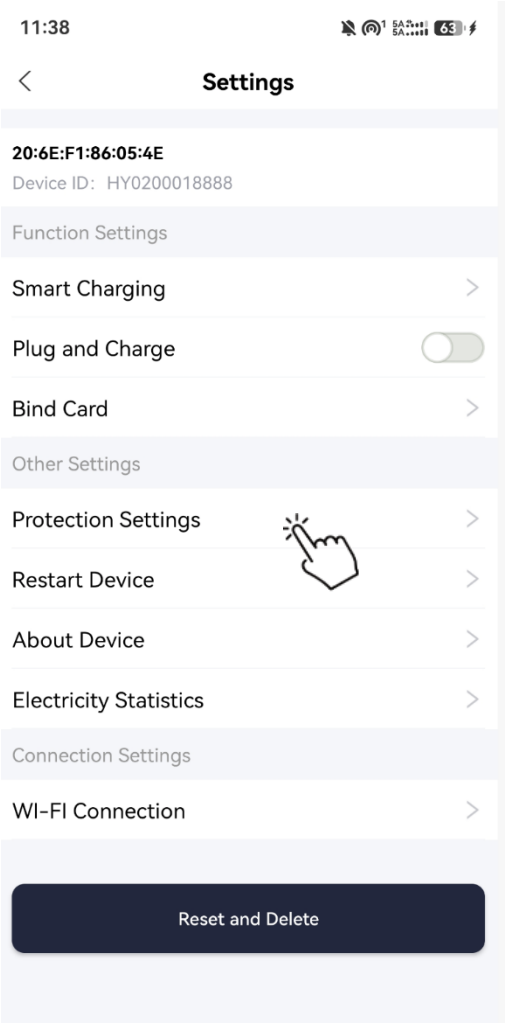
Bind Card:

Bind RFID Card This feature allows you to link an RFID card or key fob to your device for secure access control and user authentication. To bind a card, please manually enter the 8-digit UID (Unique ID) printed on the physical card. You can bind up to 50 cards to a single device. Existing cards can be unbound or deleted at any time. The following section demonstrates how to bind and delete cards.





Ⅳ Home page - Setting - Protection Settings



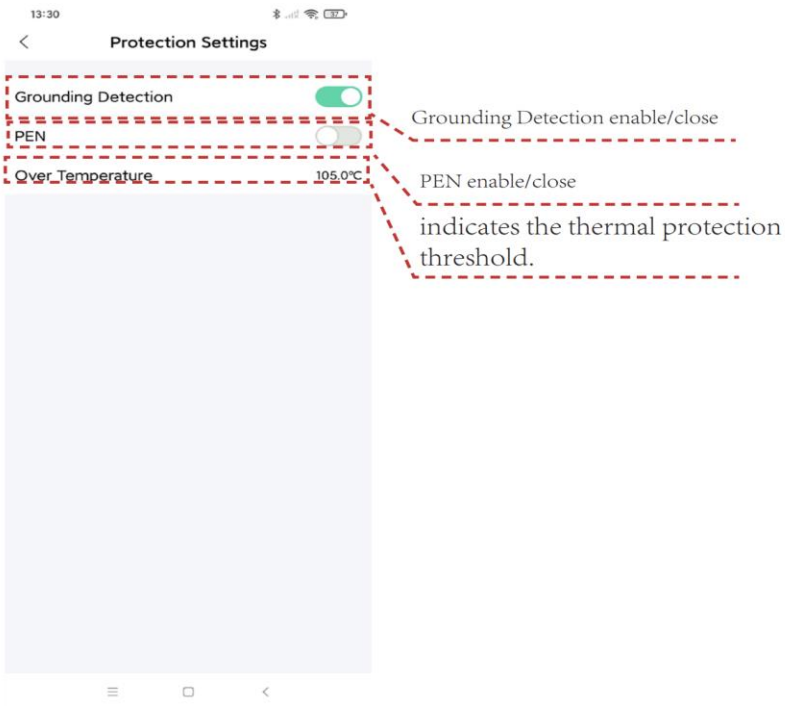
Protection Settings:

This section allows you to manage the safety parameters of the charging station to ensure secure operation.

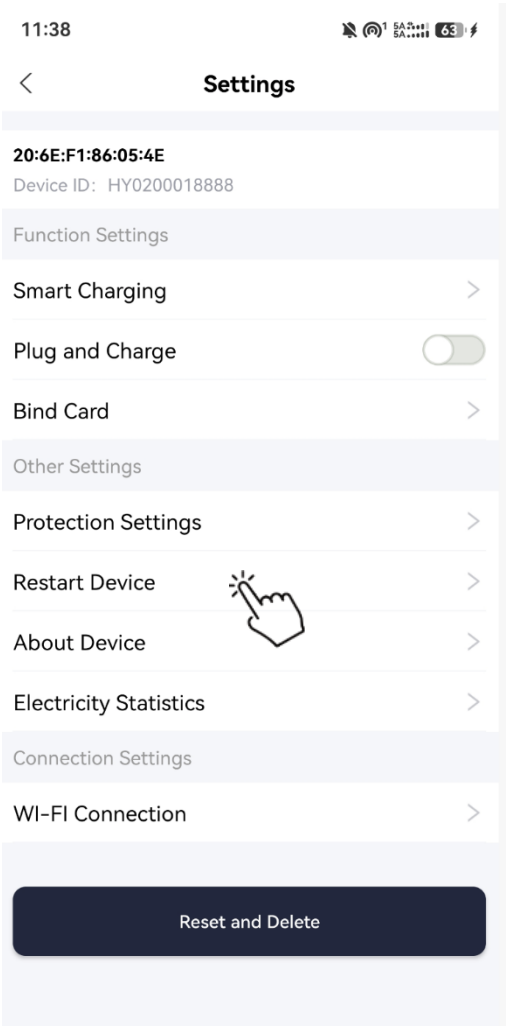
Grounding Detection: This feature is enabled by default. It monitors the grounding status of the station to prevent electrical hazards. You can manually toggle this switch if necessary.

PEN Detection: Specifically designed for the EV charging field, this switch controls the Protective Earth-Neutral (PEN) fault detection. It provides an extra layer of safety against neutral wire interruptions.

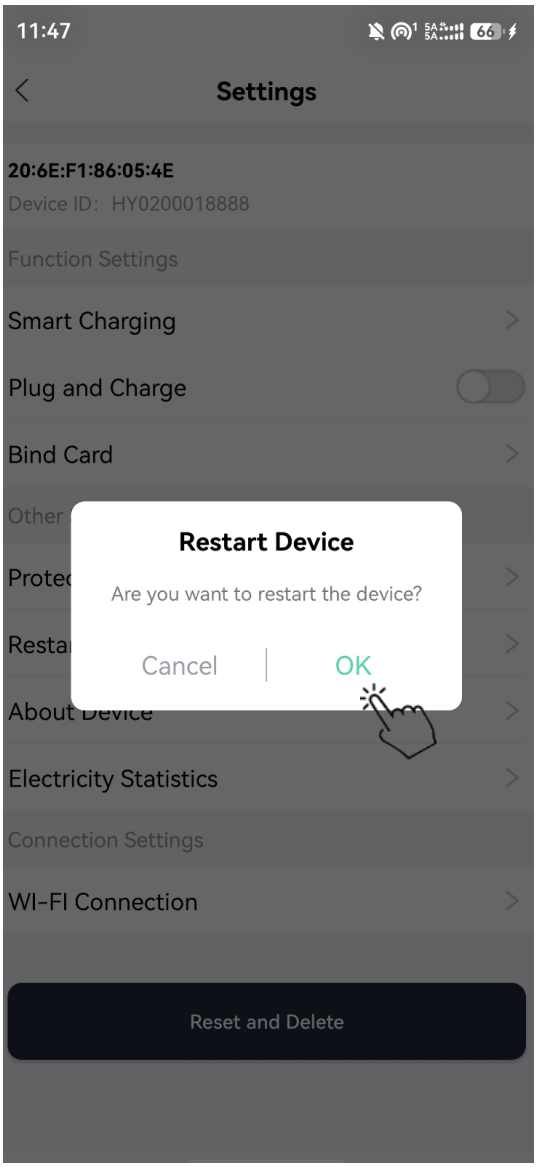
Over Temperature: This indicates the thermal protection threshold. The value is factory-set (fixed) at 105.0° C to protect the internal components and is non-adjustable for safety reasons.



V Home page - Setting - Restart Device



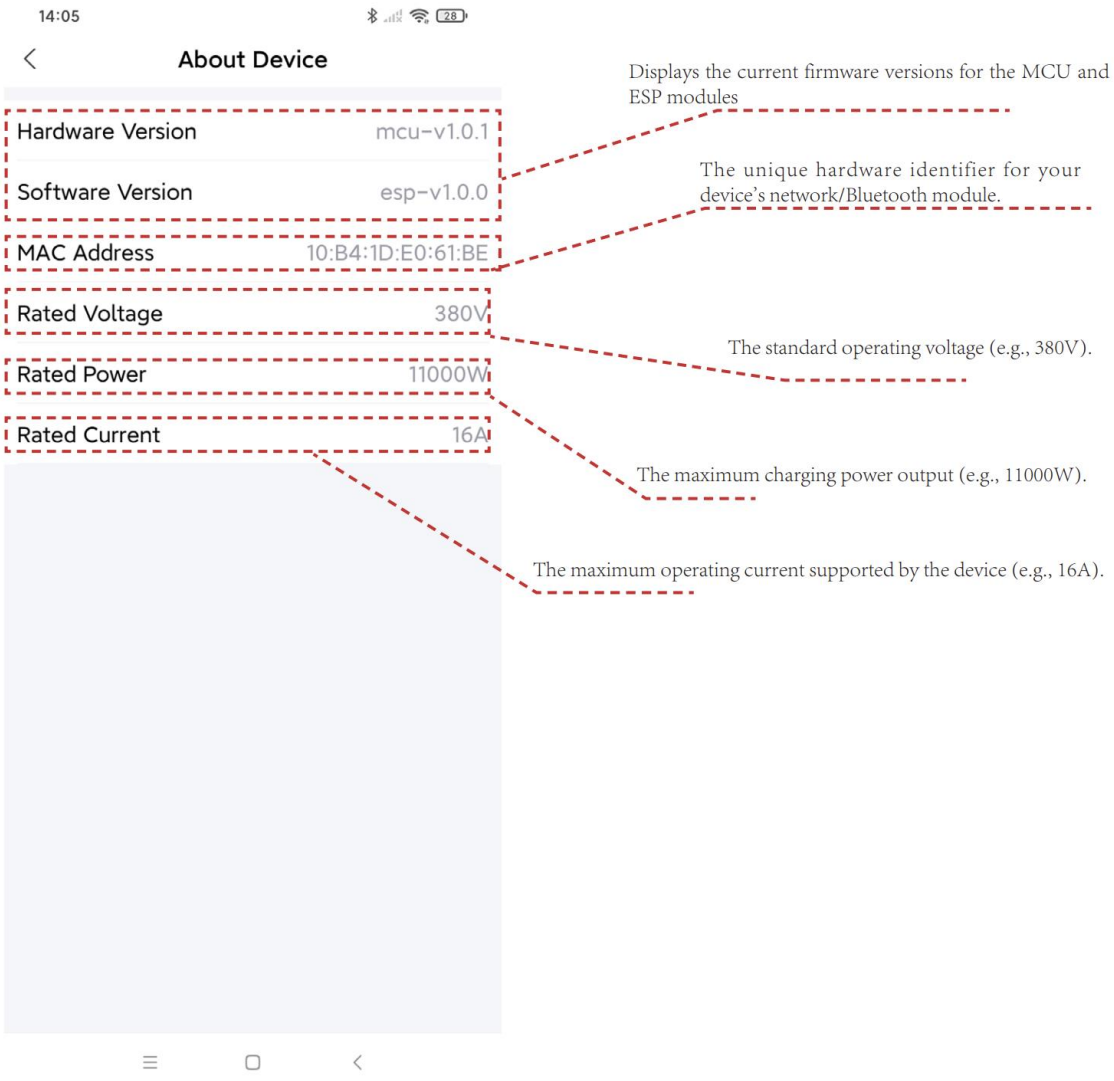
Restart: The ability to remotely or manually restart the device can be useful for troubleshooting issues or applying changes to settings.



Ⅵ Home page - Setting - About Device

The information on this page is for reference only. If you encounter technical issues, please provide the

MAC Address and Version numbers to technical support.



Ⅶ Home page - Setting - Electricity Statistics

Energy Statistics for Last 90 Days: Displays the cumulative data for the past three months.

Charging Times: The total number of charging sessions completed.

Charging Duration: The total cumulative time spent charging (displayed in hours for the summary).

Charging Records Each individual charging session includes the following details:

MAC Address: Identifies which charging station was used.

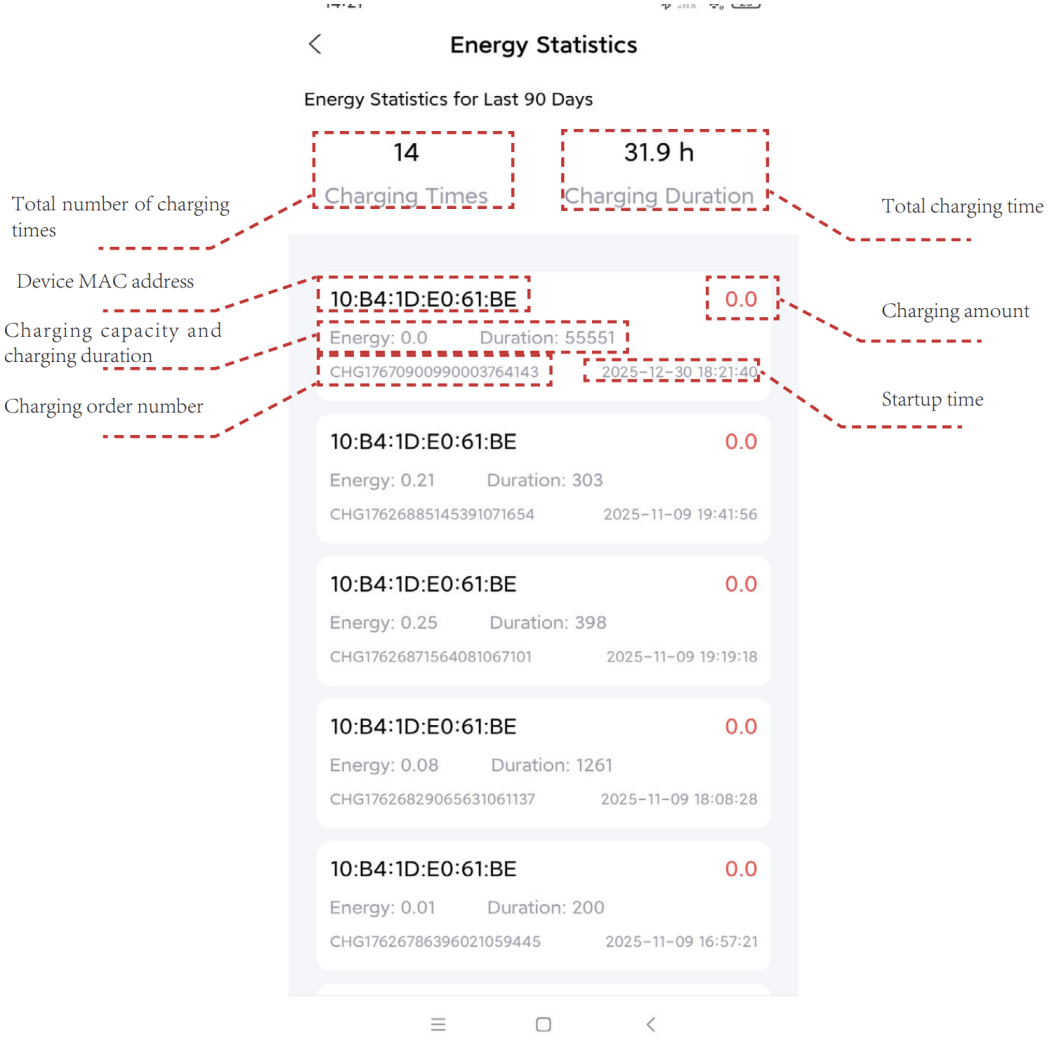
Charging Cost (Red Text): Displays the total cost for the session.

Note: Billing is only calculated if a Tariff/Price Table has been configured. If no price is set, the value will default to 0.0.

Energy: The total electricity consumed during the session (in kWh).

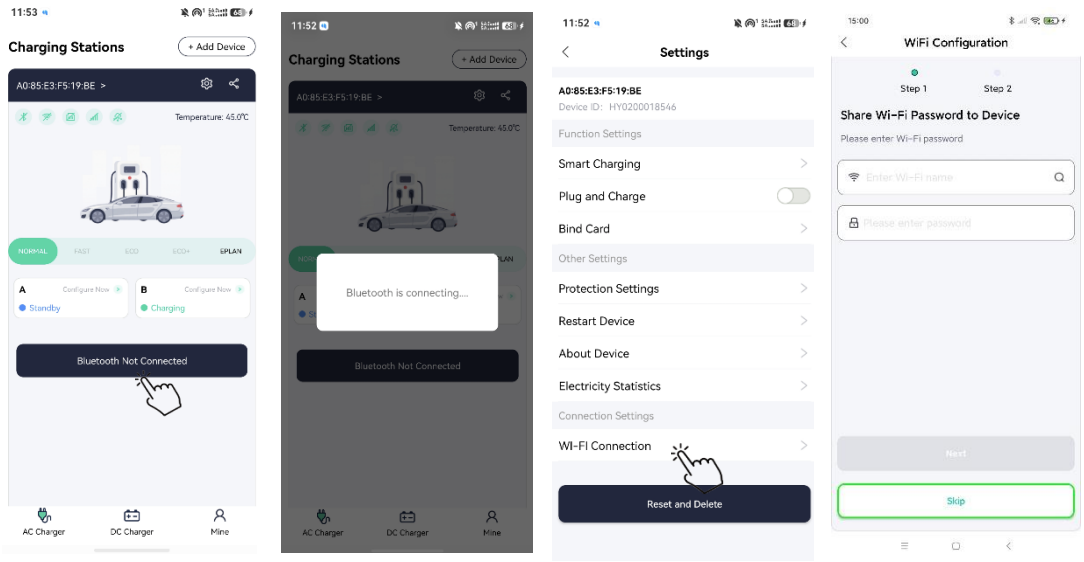
Duration: The exact length of the charging session, measured in seconds (s).

Transaction ID & Timestamp: Unique record ID and the specific date/time the session began.

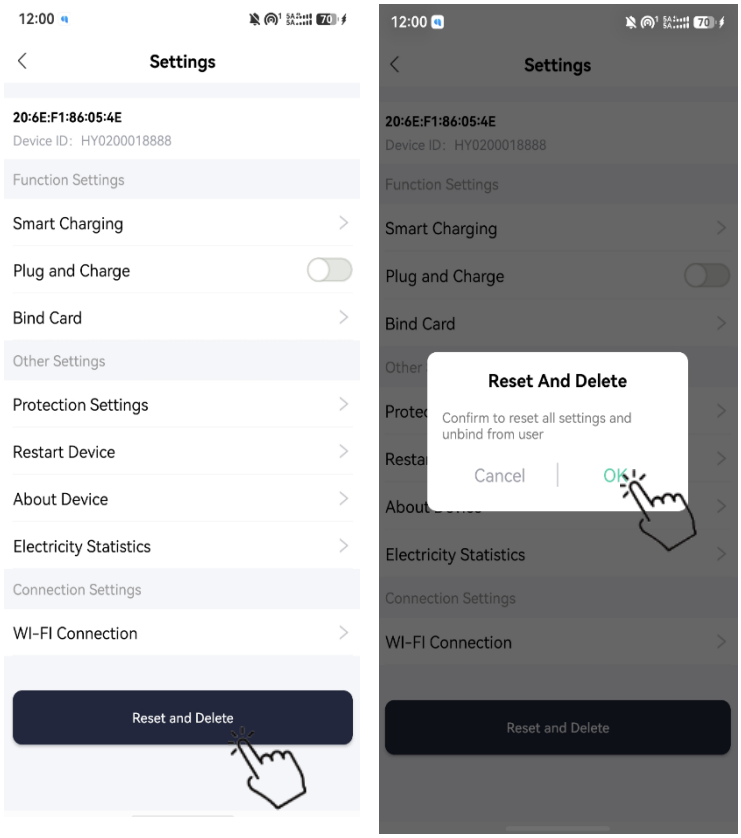


Ⅷ Home page - Setting - WI-FI Connection

Before entering the Wi-Fi configuration interface, you must first select the specific charging station on the Home page and establish a successful Bluetooth connection. The Wi-Fi settings will only become accessible once the device is actively paired via Bluetooth.



Ⅸ Home page - Setting - Reset and Delete



Reset And Delete: This function is used to completely remove the charging station from your current account and restore the device to its original factory settings.

3.6.3 Home page - Charging Station Details

How to Access: From the Home page, tap the device's MAC Address located in the top-left corner to enter the Charging Station Details interface.
Interface Overview: This page provides a comprehensive real-time overview of your charger's

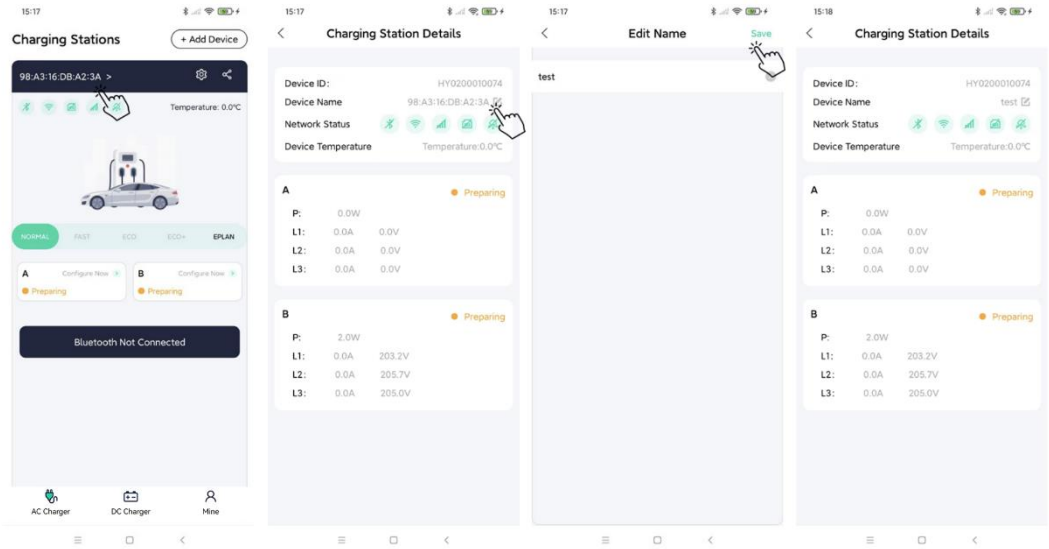
status and performance:
Modify Device Name: Tap the Edit (Pencil) icon next to the current Device Name to customize the name of your charging station for easier identification.

Device Identifiers: View the unique Device ID and MAC Address of the hardware.
Network Status: Monitor the connection status via the row of icons, which indicate the strength and availability of Bluetooth, Wi-Fi.

Device Temperature: Displays the real-time internal temperature of the charging station to ensure safe operating conditions.

Connector Details (A & B): View live charging metrics for each connector (gun) independently:
P: Real-time charging power output (Watts).

L1/L2/L3: Detailed voltage (V) and current (A) readings for each phase, providing a deep look into the electrical stability and load of the session.



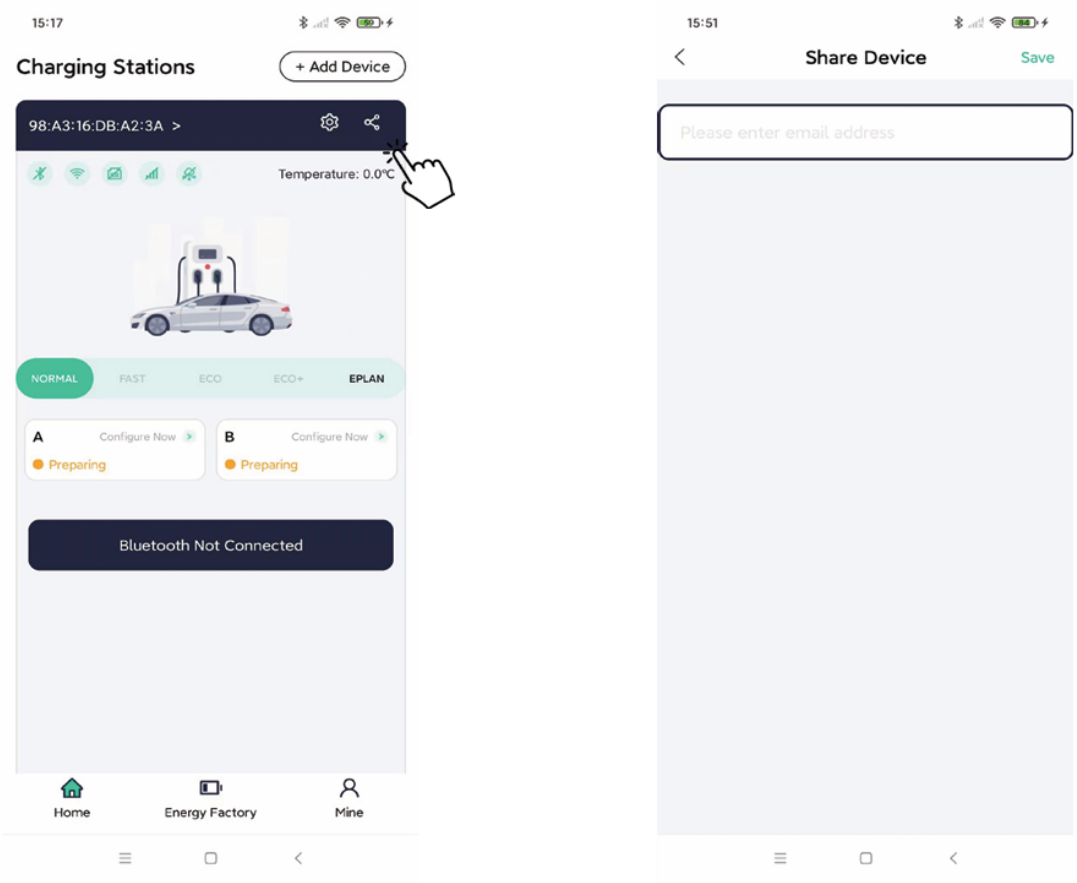
3.6.4 Home page - Share Device

Description: This feature allows you to grant other users (such as family members or colleagues) access to your charging station by sharing it with their accounts.
How to Share: Enter the email address of the person you wish to share the device with in the input field.

Prerequisite: The recipient must have a valid, registered account in the App associated with that

email address. You cannot share the device with an email that has not yet been registered.

Operation: After entering the registered email address, tap the Save button in the top-right corner to finalize the sharing process.



3.6.5 Home page - Configure Now

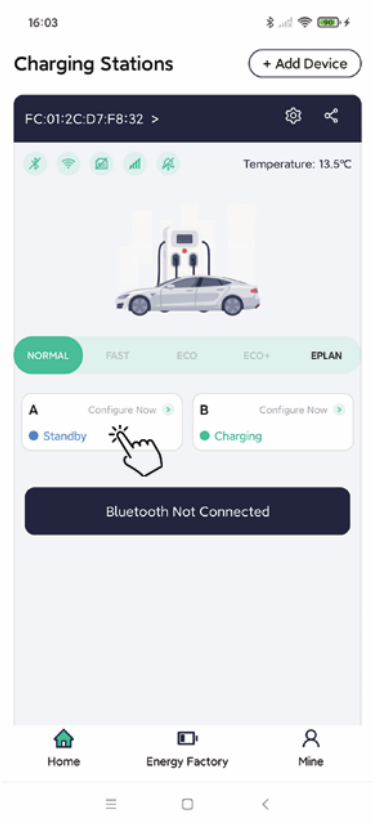
The Configure Now page is your primary control panel for managing a charging session. This interface allows you to perform four core actions: adjusting the charging current, starting or stopping the charging process, scheduling reservations, and monitoring the real-time status of the charging gun.

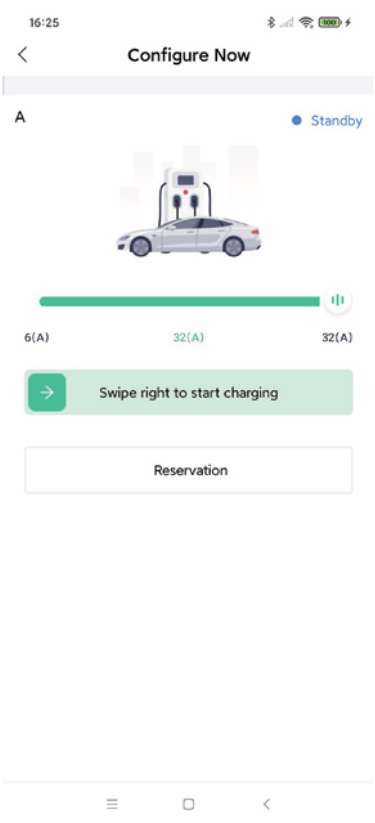
Main Functions: Adjust Charging Current: Use the slider to set the maximum charging current for the current session. The setting ranges from a minimum of 6A up to the rated current of the charging gun (e.g., 32A). Important Note: Manual current adjustment is prohibited while the device is in the "Charging" state. The slider will be locked once the charging process begins to ensure a stable power flow.

Start & Stop Charging: Once the vehicle is properly connected, you can "Swipe right to start charging". After charging has begun, the same area can be used to manually stop the charging session.

Reservation: Tap the Reservation button to schedule your charging for a specific time, such as during offpeak hours to save on electricity costs. Monitor Gun Status: Real-time updates on the charging gun’ s status (e.g., Standby, Preparing, Charging) are displayed in the top-right corner.

Crucial Operational Sequence: To ensure the charging starts successfully, please follow this logic:
Insert the Plug: Connect the charging gun to your vehicle.
Verify "Preparing" Status: Observe the status indicator in the top-right corner. You must wait until the status changes to "Preparing" before swiping.
Initiate Charging: Only after the gun is in the Preparing state should you perform the swipe action to start the power flow.





Ⅰ Home page - Configure Now - gun status

The real-time status of the charging gun is displayed in the top-right corner of the interface. Understanding these statuses is essential for successful operation and troubleshooting.

Standby:The charging gun is currently unplugged, and the station is ready to start a new session.

Preparing:The gun is plugged into the vehicle. The system is initializing or waiting for the ""Swipe"" command.

Charging:Power is actively being delivered to the vehicle.

Finishing:Charging is complete, but the gun is still connected to the vehicle.

SuspendedEV:Charging has been paused by the vehicle (e.g., the car's battery is full or a vehicle-side limit was reached).

SuspendedEVSE:Charging has been paused by the charging station (e.g., manual pause or system-side trigger).

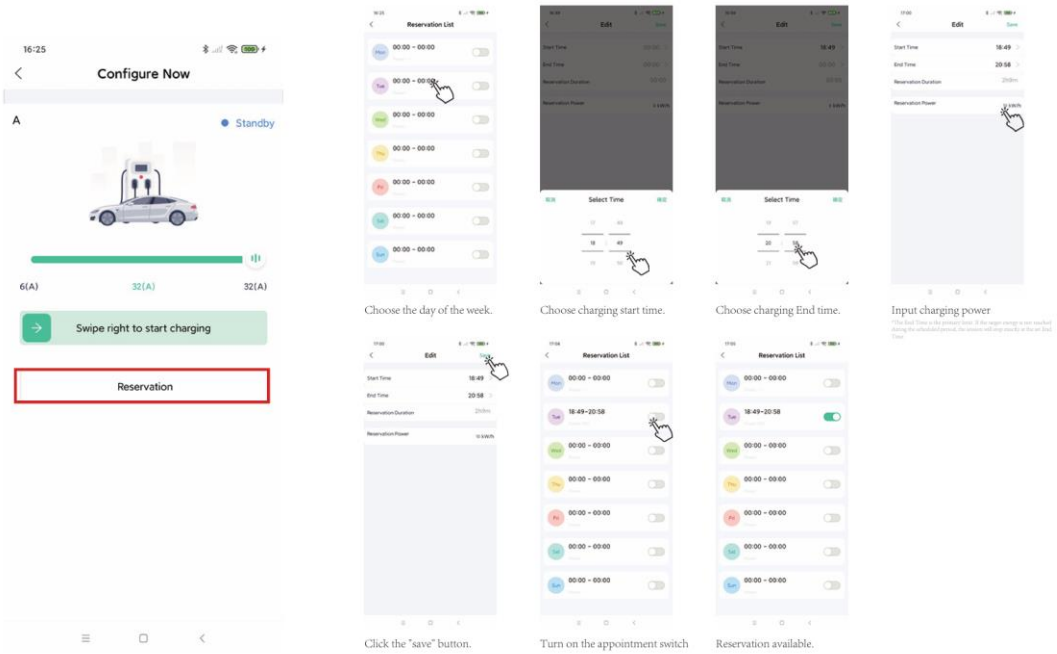
Reserved:The station is currently booked via the Reservation feature and cannot be used by others.

Unavailable:The station is out of service, disabled by the platform, or currently undergoing an OTA firmware upgrade.

Faulted：The system has detected a technical error or hardware fault. For specific error details, please go to Mine > Historical Faults.

Ⅱ Home page - Configure Now – Reservation

Click the "schedule" button to enter the schedule charging page. We have preset appointment times from Monday to Sunday. If you need to make changes, click on the corresponding day of the week to enter the settings. The settings are as follows.



3.7 DC Chaeger page

The **DC Charger page** is currently under development and is not yet available. It will be

supported with future DC charging station products.
For more information about DC charger products and availability, please contact the supplier.

3.8 Mine page

The Mine page is the central hub for managing account settings, charging-station groups, legal agreements, and system maintenance tools.

Language Settings: Tap this option to change the App interface language.

Remote OTA: Access the Over-the-Air update page to check for and install the latest charging-station firmware. Keeping the firmware up to date ensures access to the latest features, performance improvements, and security updates.

EVSE Group: View all charging-station groups associated with the current account and manage their configurations. Users can set the maximum total current available to each EVSE group and select a power-allocation strategy:

First Come, First Served: Available power is allocated according to the order in which charging stations begin charging.
Equal Distribution: Available power is distributed evenly among all active charging stations in the group.

The EVSE Group function is used together with Group Load Balancing to prevent the total charging load from exceeding the configured group limit.

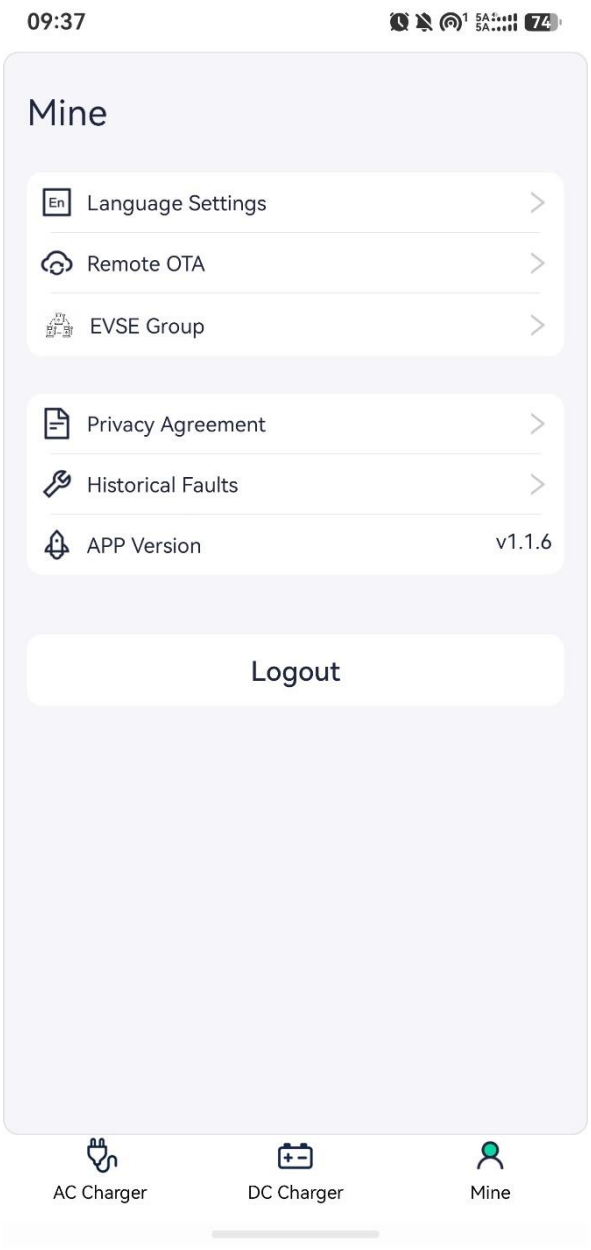
Privacy Agreement: View the privacy policy and terms relating to the use of the App, account information, and charging data.

Historical Faults: View records of previous charging-station faults and hardware alarms.

Note: If a connector status is displayed as Faulted, open this page to view the corresponding fault code and description for troubleshooting.

APP Version: Displays the currently installed App version, such as V1.1.6.

Logout: Tap this button to securely sign out of the current account.


09:37
Mine
Language Settings
Remote OTA
EVSE Group
Privacy Agreement
Historical Faults
APP Version
v1.1.6
Logout
AC Charger
DC Charger
Mine

I Mine page - Remote OTA



The Remote OTA (Over-The-Air) page allows you to upgrade your charging station's firmware wirelessly to ensure optimal performance and access to new features.

Interface Guide:
Device Identification: Each charging station is listed by its unique MAC Address.

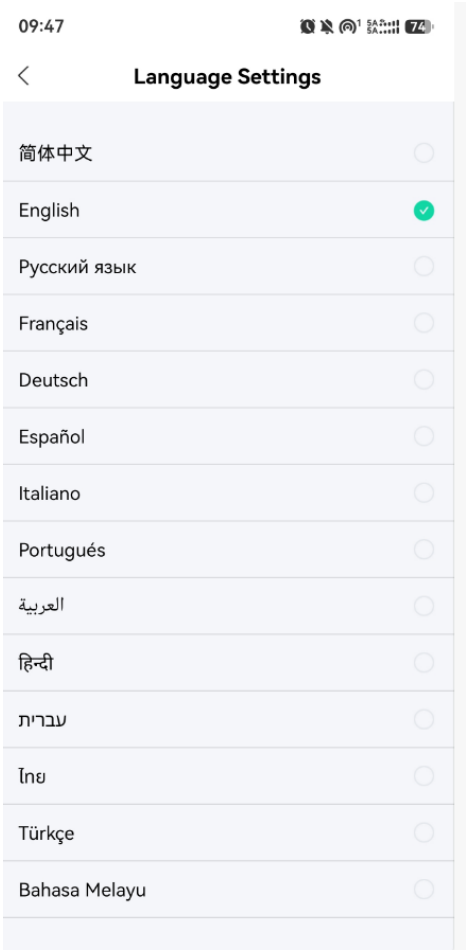
Update Modules:
Under each device, you will see buttons for MCU (Main Control Unit) and/or ESP (Communication Module), depending on available updates.

Crucial Update Rules: To ensure a successful upgrade and prevent system errors, please strictly follow these requirements:
No Simultaneous Updates: Do not initiate the MCU and ESP updates at the same time for the same device.

Sequential Process: You must select one module (e.g., MCU) and wait for the update to complete successfully.
Restart Required: After the first module has finished updating and the device has restarted and reconnected, you may then proceed to select the other module (e.g., ESP) for its update.

NOTED:
During the system upgrade, please do not cut offthe power. The App can be disconnected during the upgradeprocess. After the upgrade is completed, the device willrestart automatically. The final upgrade result is subject to the stateafter the device is restarted.
Warning: Attempting to update both the MCU and ESP modules simultaneously on a single device may cause the upgrade to fail or damage the device's firmware.

II Mine page - Language Settings



Language Settings:

The Language Settings menu allows you to customize the App interface with your preferred language.
How to Change Language:

Navigate to Mine > Language Settings.

The App supports multiple languages, including English, Chinese, French, German, and more.

Action: Simply tap on your desired language from the list to switch the interface language immediately. No additional confirmation is required.

III Mine page – EVSE Group

The **EVSE Group** page displays all charging-station groups associated with the current user account.

A compatible **DTU device** is required to create and manage an EVSE group. To create a group:

1. Enable the networking mode on the DTU.
2. Select the charging stations to be added.
3. Open **Smart Charging** for each charging station.
4. Enable **Group Load Balancing** and wait for confirmation.

By default, the DTU MAC address is used as the group name. The group name can be changed later.

On the EVSE Group page, users can:

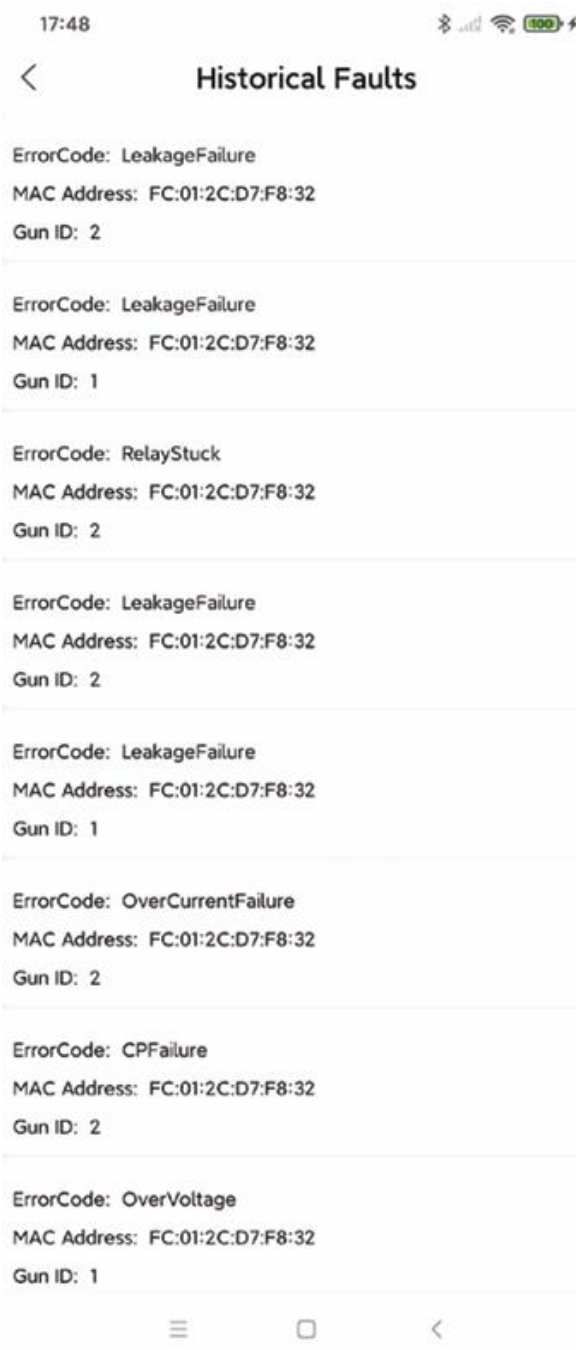
- View all charging stations in a group.
- Rename or configure the group.
- Set the maximum total charging current.
- Select a power-allocation method:
    - **First Come, First Served:** Power is allocated according to the order in which charging starts.
    - **Equal Distribution:** Available power is distributed evenly among all active charging stations.
- Remove an individual charging station from the group.
- Dissolve or delete the entire group.

Typical Application

EVSE groups are suitable for locations where multiple charging stations share a limited electrical supply, such as residential parking areas, apartment buildings, workplaces, commercial car parks, and fleet-charging sites.

The group-management function dynamically distributes the available power among the charging stations, helping prevent electrical overload while improving the utilization of the available power capacity.

Ⅳ Mine page - Historical Faults



The Historical Faults page provides a comprehensive log of all technical errors and hardware alerts detected by your charging stations. This record is a vital tool for troubleshooting and communicating with technical support.

Interface Details: Each fault entry in the list contains the following specific information: ErrorCode: Displays the specific nature of the failure (e.g., "LeakageFailure").

MAC Address: Identifies exactly which charging station reported the issue.Gun ID: Specifies which connector was involved in the fault ("1" for Connector A, "2" for Connector B).
Troubleshooting Advice:

If your device status indicator on the Home page displays "Faulted," please navigate to this page immediately.

Review the ErrorCode and Gun ID to understand the root cause of the interruption. For persistent issues, take a screenshot of this page and provide it to the manufacturer's technical support team for faster resolution. Ⅴ Mine page - Remote OTA - Manufacturer Factory Mode

Ⅴ Mine page - Remote OTA - Manufacturer Factory Mode

This is a hidden engineering interface intended for professional installers, authorized service personnel, or technical support. Incorrect settings may cause the charging station to disconnect from the management platform or operate abnormally.

How to Access
Navigate to Mine > Remote OTA.
Long-press the OTA title at the top of the page for approximately 3 seconds.
Enter the factory-mode password in the pop-up window.
Tap OK to enter Manufacturer Factory Mode.

The access password is provided only to authorized personnel. Please contact the supplier or technical support to obtain the correct password.

Prerequisite

Bluetooth Connection Required: The smartphone must be connected to the charging station through Bluetooth before factory parameters can be read or modified.

OCPP Platform Configuration

WSS: Enter a new secure WebSocket address to connect the charging station to another OCPP management platform.

ID: Enter the charging station identity required by the target OCPP platform.

Tap Save to apply the WSS and ID settings.

Incorrect WSS or station ID settings may prevent the charging station from connecting to the cloud platform.

QR Code Configuration

The QRCode field is used to modify the QR code URI displayed on the charging station screen.

For dual-connector charging stations, add a suffix to identify the corresponding connector:

Add _1 after the URI for Connector A.
Add _2 after the URI for Connector B.

Example:

URI_1 — Connector A
URI_2 — Connector B

Only one QR code display area can be modified and saved at a time.

Device Configuration Reading and Modification

The lower section of the page is used to read or modify specific charging-station configuration parameters.

keyname: Enter the exact configuration parameter name.

Get: Tap Get to read the current value of the specified parameter.

values: Displays the current parameter value or allows a new value to be entered.

Save: Tap Save to write the new value to the charging station.

The parameter name, supported value range, and data format vary depending on the charging-station model and firmware version. Using an incorrect parameter name or value may cause abnormal operation.

Please contact the supplier or technical support to confirm:

The exact configuration parameter name
The meaning of the parameter
The supported value range
The correct value format
Whether restarting the charging station is required after modification.

