



ATESS EneRace APP

User Manual

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1 App Introduction

1.1 Overview

EneRace is an APP for controlling EV Chargers. It helps users conveniently and quickly charge their vehicles using the EV charger.

1.2 Features

- (1) Charger Pairing: Add and pair your charger by entering its serial number or scanning the QR code.
- (2) Remote Charging Control: Start or stop charging remotely from the EneRace.
- (3) Smart Charging: Optimise your charging with off-peak charging, scheduled charging and delayed start, etc.
- (4) Charger Settings: View and configure the charger's operating parameters and charging settings.
- (5) Charger Sharing: Share access to your charger with family members or other authorised users.
- (6) Charging History: View and manage your charging history, including previous charging sessions.
- (7) Account Management: Manage your personal account, preferences and app settings.

2 Operation Instructions

2.1 APP Download and Installation

Android users can download and install the APP by searching for "EneRace" on Google Play.

iPhone users can download and install the APP by searching for "EneRace" on the App Store.



ios

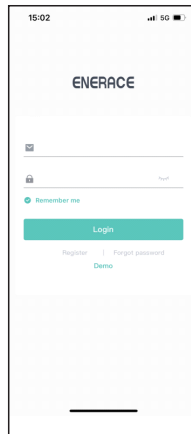


Google Play

2.2 Registration and Login

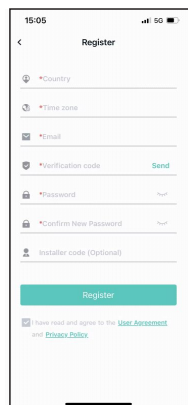
For first-time users, the registration process: Tap the App icon → enter the login page → tap the registration entry to complete account registration.

Users with an existing account can log in directly by entering their email and password. If you forget your password, tap the "Forgot password" entry to go to the password recovery page and reset your password via email verification code.



①Registration page description

The registration form includes: Country, Time Zone, Email, Email verification code, Password, Confirm new password; Installer code is optional – if filled in, the system will verify the code validity; after agreeing to the terms, tap [Register] to complete registration.

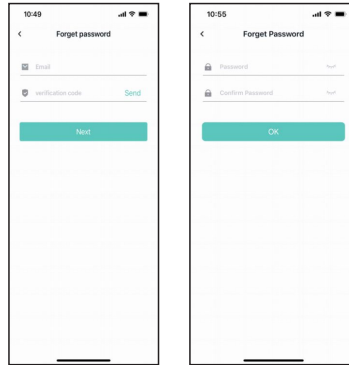


② Forgot password process

On the password recovery page, enter your email, obtain and enter the email verification code; only after successful verification can you proceed to the next step.

Set a new password and confirm it – both entries must match.

Tap 【OK】 to complete password reset.



2.3 Adding a EV charger

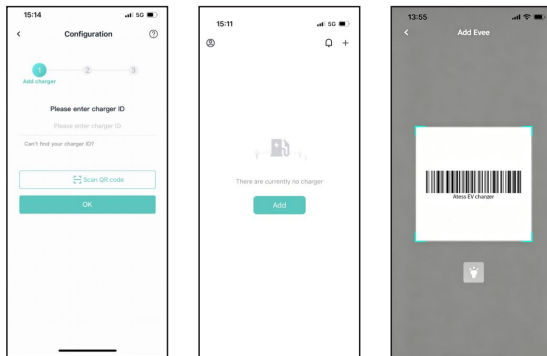
After successfully logging in to the App, you must first complete the addition of a EV charger before you can configure and control the device.

① Adding a EV charger

The App provides two entry points for adding: the “+” button in the upper right corner, and the “Add” button on the device blank page.

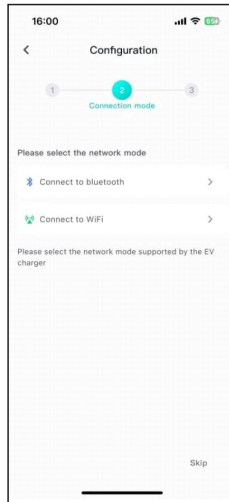
After tapping the add button, two methods are supported:

- Manual SN entry: Enter the EV charger ID (SN serial number).
- Scan to add: Tap “Scan QR code” to activate the camera and scan the EV charger’s barcode to add the device.



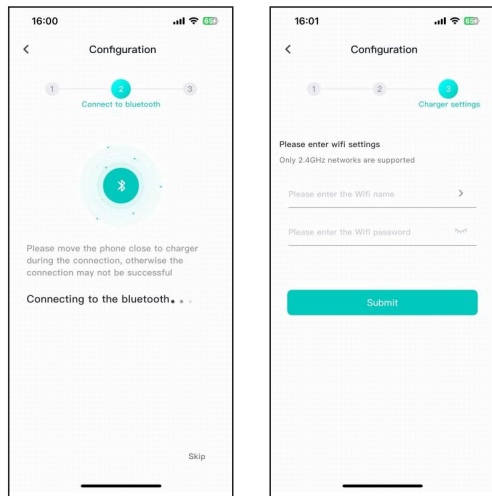
② Select connection method

Choose the connection method supported by the model – either Bluetooth or Hotspot.



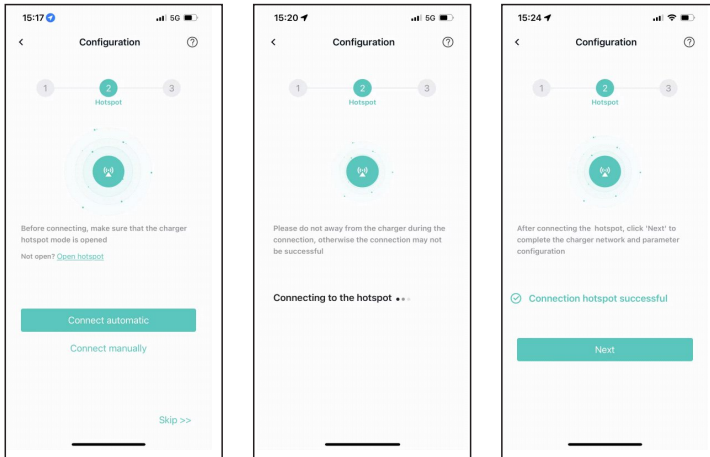
③ Bluetooth connection

After entering, the App will automatically pair with the charger's Bluetooth. Once connected, you can configure the network.

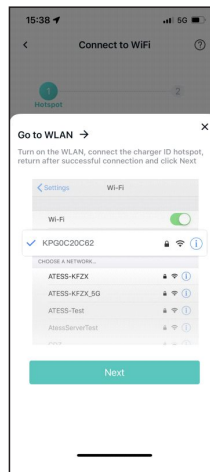


④ Hotspot connection

Tap the [Connection automatic] button, the App will automatically find and connect to the EV charger's hotspot. After successful connection, you can tap "Next" to enter the charger configuration page. If connection fails, you can retry or switch to manual connection.

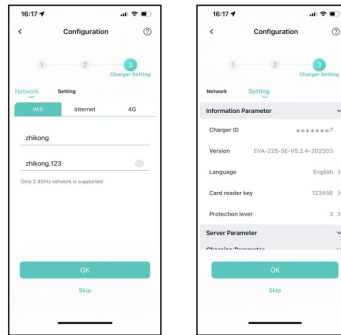


Manual hotspot connection: Tap [Go to WLAN] to jump to the phone's WLAN settings, find the hotspot named after the EV charger SN (default password: 12345678), connect, then return to the App and tap "Next" to enter the charger configuration page.



charger settings: After successfully connecting to the hotspot, you enter the charger settings page, where you can configure the charger's network and parameters. The network configuration supports WiFi / Ethernet / 4G. After completing the settings, tap [OK] - the EV charger will automatically configure and restart. If you do not need to configure the charger, tap [Skip].

Note: If the network or server address is not configured correctly, the EV charger will not be usable via the App.



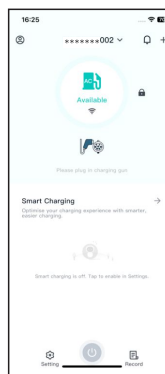
2.4 Charging Home Page

2.4.1 Charging Status

① Available

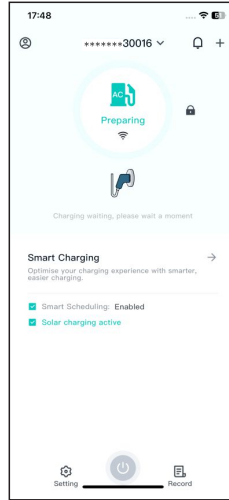
When the EV charger is online and the gun is not plugged in, the status displays [Available]. The [Start Charging] button is greyed out and cannot be operated. After plugging in and successful recognition, the status changes to [Preparing] and the [Start Charging] button becomes clickable.

For some CHAdeMO standard guns, charging can be initiated even in the Available state.



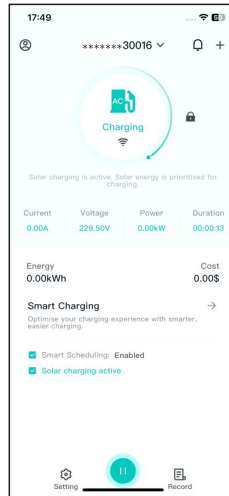
②Preparing

After plug-in verification is completed, the device enters the Preparing state. Tap the [Start Charging] button to initiate charging.



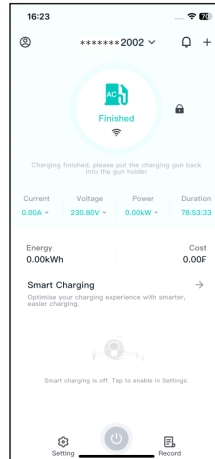
③Charging

The device is charging. Tap the [Stop Charging] button to end the session early, or wait for the charging to finish automatically.



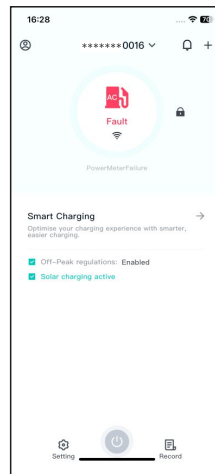
④Finished

The charging session has ended normally, and the page displays [Charging Complete]. At this point the charging button is greyed out and cannot directly start a new charge. You must unplug and re-plug the charging gun to enter the Preparing state and start charging again.



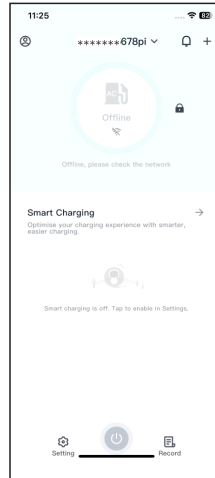
⑤Fault

When an anomaly occurs on the EV charger, the page displays [Fault] along with the corresponding fault description. Check the fault message shown on the page to troubleshoot the device. If the fault cannot be cleared, contact after-sales support.



⑥Offline

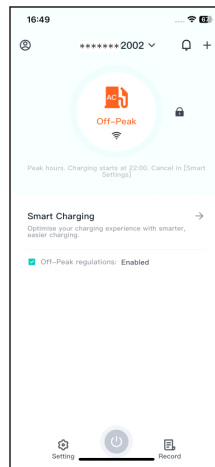
When the EV charger loses connection with the App server, the page displays [Offline]. In the offline state, the charging button is greyed out, and the App cannot send start/stop commands or remotely control the EV charger.



⑦Off-Peak

When the Off-Peak management function is enabled and the current time falls within a peak electricity period, the EV charger pauses and will automatically start at the preset off-peak time.

In this state, the charging button is greyed out and manual start is not possible. You can disable peak-valley management in [Smart Charging Settings] to remove this restriction.

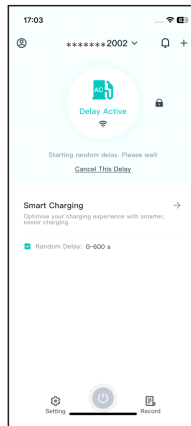


⑨Delay Active

When the random delay function is enabled, the EV charger will wait for a random duration (configurable) before starting charging.

The page provides a Cancel this delay operation-tapping it terminates the current random delay and starts charging immediately.

During the delay period, the charging button is greyed out and manual start is not available.

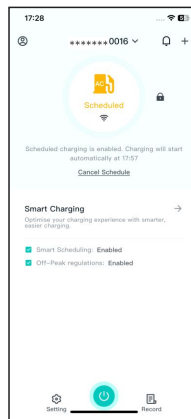


⑩Scheduled

When a scheduled charging timer is enabled and the gun is plugged in, the EV charger will automatically start at the preset time.

The page provides a Cancel this schedule operation-tapping it clears the current timer task.

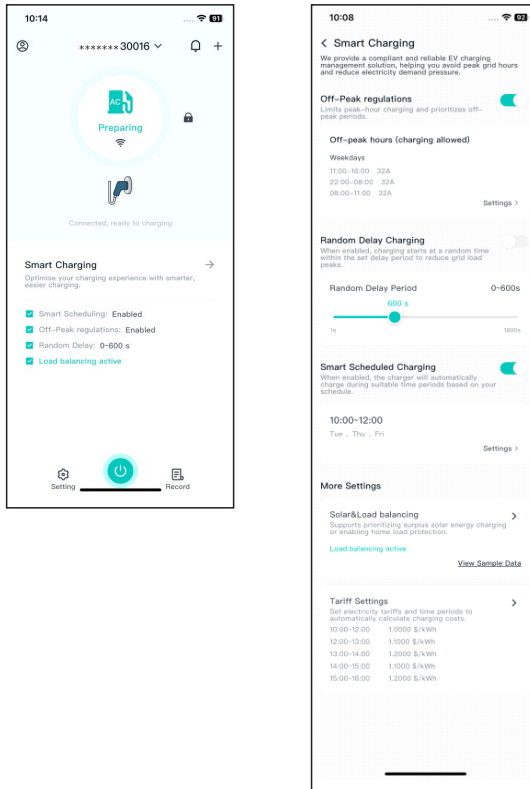
During the scheduled waiting period, the charging button is still operable, allowing the user to start charging manually immediately.



2.4.2 Smart Charging

Smart Charging incorporates multiple charging strategy settings, providing you with a compliant and stable home EV charging management solution, helping you avoid peak grid hours and reduce grid stress. You can choose to charge during off-peak tariff periods or use photovoltaic generation to save charging costs.

The charging home page displays in real time all smart strategies that are currently enabled; when any smart strategy is active, the home page shows the corresponding running status.



2.4.2.1 Off-Peak Regulations

Off-Peak period management restricts the EV charger to only charge during configured off-peak periods, and prohibits charging during peak periods, adapting to time-of-use tariffs.

① Switch: Enable/disable off-peak charging.

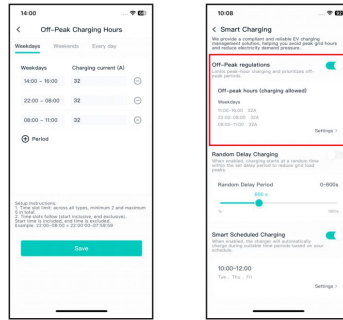
② Period configuration: Supports three types of period settings – weekdays, weekends, and every day (some older firmware supports weekdays only); each period can have a maximum charging current set.

③ Constraints:

- Total number of periods: at least 2, at most 5, periods cannot overlap.

- Time rule: left-closed, right-open, includes the start time, excludes the end time.

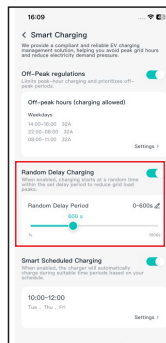
Example: 22:00-08:00 = 22:00:00 ~ 07:59:59.



2.4.2.2 Random Delay Charging

Random delay is a grid load reduction function. After plug-in and when charging conditions are met, the EV charger waits for a random time within a configurable range before starting, to avoid a sudden surge of many chargers starting simultaneously and impacting the grid.

Adjustable delay range: 1-1800s, default 0-600s.



2.4.2.3 Smart Scheduled Charging

Set charging start/end times and repeat cycles, and the EV charger will automatically start at the preset time.

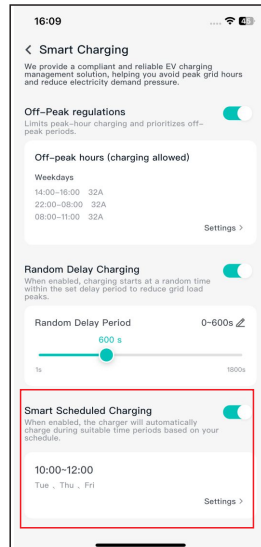
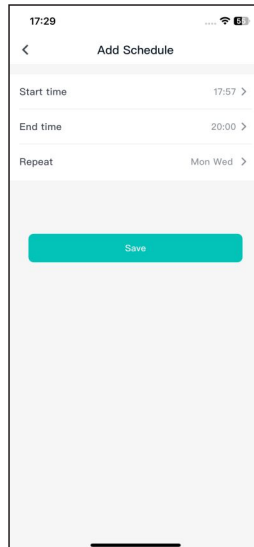
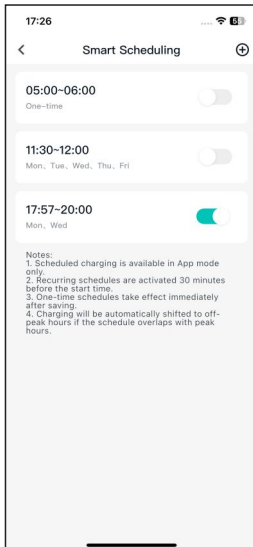
① Supports two modes: single and repeat; when periods do not overlap, up to 3 repeat schedules can be enabled simultaneously (single schedules do not support multiple entries).

② Add schedule: Tap the “+” in the upper right corner, fill in [Start time, End time, Repeat days] and save.

③ Modify/Delete: Tap a card to edit a schedule; swipe left on a card to reveal the delete button.

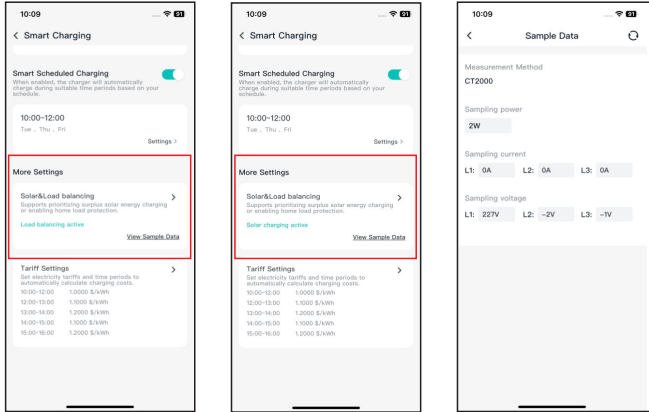
④ Notes:

- Only available in APP mode.
- Repeat schedule: The system enters the scheduled state 30 minutes before the start time.
- Single schedule: Takes effect immediately after being set.
- If the scheduled period conflicts with a peak period, the system will automatically adjust to charge during off-peak hours.
- The charging gun must be plugged in beforehand for the timer task to execute properly.



2.4.2.4 Solar&Load Balancing

You can choose to prioritise home PV charging or enable home load protection; these two functions cannot be enabled simultaneously. The page shows the currently active strategy and supports viewing sampling data.



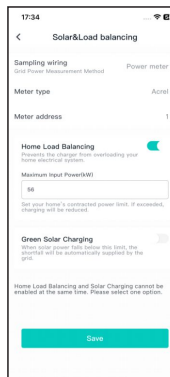
① Sampling wiring

Grid power detection supports two sampling methods: CT and meter. When choosing meter sampling, you need to enter the corresponding meter type and address information.

② Home load balancing

Prevents the EV charger from causing an overload trip on the household circuit.

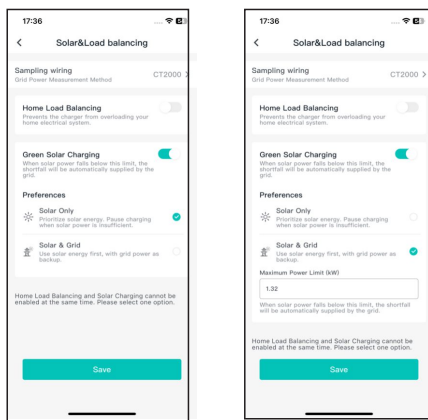
- Requires setting the household maximum input power (current).
- Operation logic: Real-time monitoring of total household power consumption; when total household load approaches the set maximum input power (current), the EV charger automatically reduces its charging power to avoid overloading the household circuit.



③ Green Solar Charging

Prioritises using surplus PV energy to charge the vehicle, offering two operating modes: Solar Only: Uses only photovoltaic generation; when PV power is insufficient, the EV charger pauses.

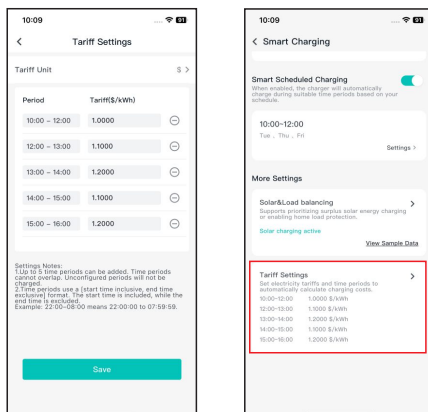
Solar & Grid: Prioritises PV power; when PV power falls below a set threshold, the deficit is supplemented by the grid. Supports setting the power threshold.



2.4.2.5 Tariff Settings

Configure time-of-use electricity prices for estimating the cost of the current charging session. This feature does not control the EV charger start/stop; it is only used for cost calculation and display.

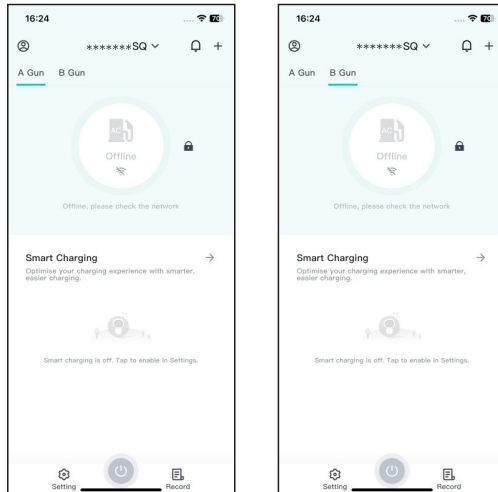
- Up to 5 non-overlapping periods can be configured, with a price per kWh set for each.
- Periods follow the left-closed, right-open format.
- Supports switching currency units. After saving, the charging page will display an estimated charging cost.



2.4.3 Other Operations

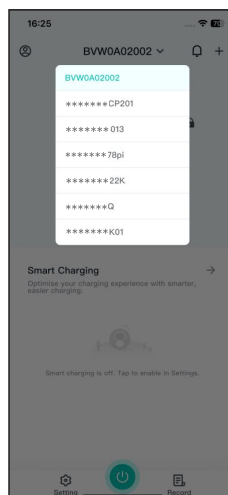
① Multiple guns

When the EV charger is equipped with multiple charging guns, you can switch between different guns and control the charging functions of each gun separately.



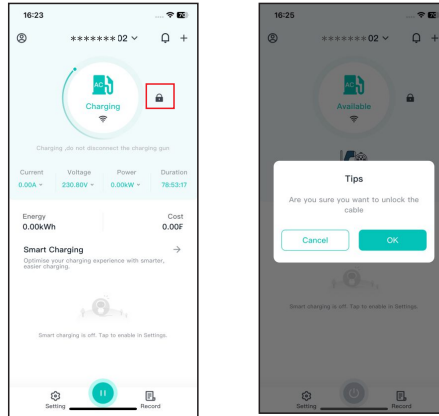
② Switch EV charger

After adding multiple EV Chargers to the App, you can switch to select different chargers and perform various operations on them.



③ Electronic lock release

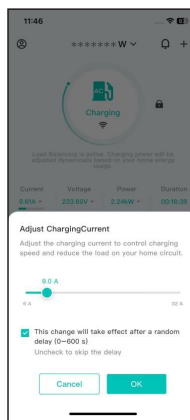
While charging, tapping the electronic lock icon will unlock the gun cable; unlocking the cable will also stop charging. This function is not supported by some hardware models.



④ Adjust Charging Current (Power)

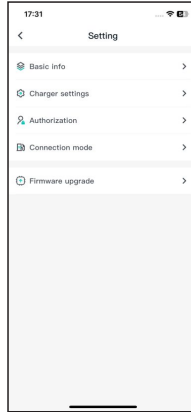
You can manually adjust the charging current or power to change the charging speed and reduce the load stress on your household circuits. Please note that this function may not be supported on some model versions.

On the charging in-progress page, open the charging-current adjustment popup and drag the slider to set the desired value. After the current or power is adjusted, the EV charger will by default enter a random delay before starting to charge; you may also manually cancel or skip the delay. Once the settings are complete, the page will refresh to display the latest realtime charging data.



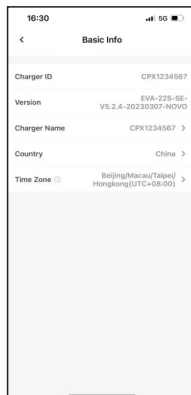
2.5 Settings

The Settings page includes: [Basic Information], [Charger Settings], [Authorization Management], [Connection Method], [Firmware Upgrade].



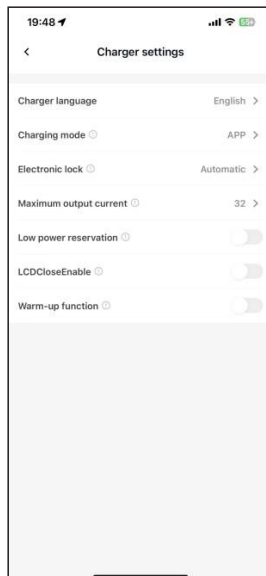
① Basic Information

- Charger ID: EV charger SN serial number, read-only.
- Version: Current firmware version of the charger, read-only.
- Charger name: Defaults to the SN, can be modified.
- Country: Used for configuring the EV charger time zone; after selecting a country, the time zone options update accordingly.
- Time Zone: The time zone of the EV charger; can be set according to the local active time zone (if daylight saving time applies, the time zone will automatically shift forward by 1 hour).



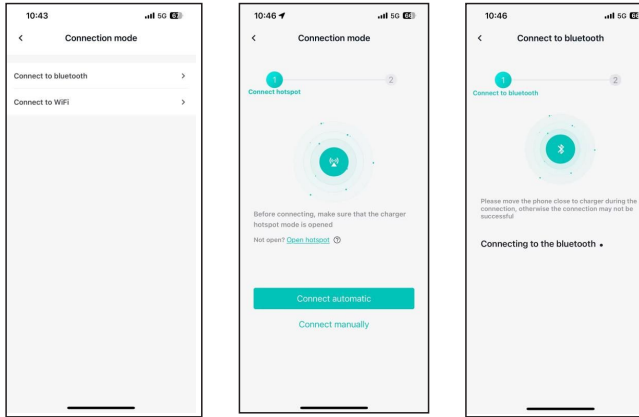
②Charger Settings

- Charger language: Sets the language of the EV charger.
- Charge mode: Supports APP, RFID, and Plug&Charge modes.
- App: The App can start/stop charging; also supports RFID card activation.
- RFID: Only RFID card is allowed to start charging.
- Plug&Charge: Automatically starts charging within the allowed time after plug-in.
- Allow charging time: Only available in Plug&Charge mode; sets the allowed duration for automatic start after plug-in; supported only on AC chargers.
- Electronic lock: Manual and Automatic modes. Manual: locks immediately when plugged in; Automatic: locks during charging and unlocks automatically when charging ends; supported only on AC chargers.
- Maximum output current(power): Sets the maximum current limit for AC chargers or power limit for DC chargers; charging will not exceed this value.
- LCD Close Enable: Controls the LCD screen off function; Enable: screen turns off automatically; Disable: screen stays on; supported only on AC chargers.
- Warm-up function: Switch for the pre-heating function; when enabled, it continuously supplies energy to the vehicle, pre-heating the battery in cold environments to reduce battery degradation; it can also avoid the issue of being unable to restart charging after interruption/pause; supported only on AC chargers.



③ Connection Method

Supports Bluetooth and Hotspot for local connection to the EV charger, used for device network configuration and local parameter settings. The supported connection methods depend on the actual hardware of the EV charger.

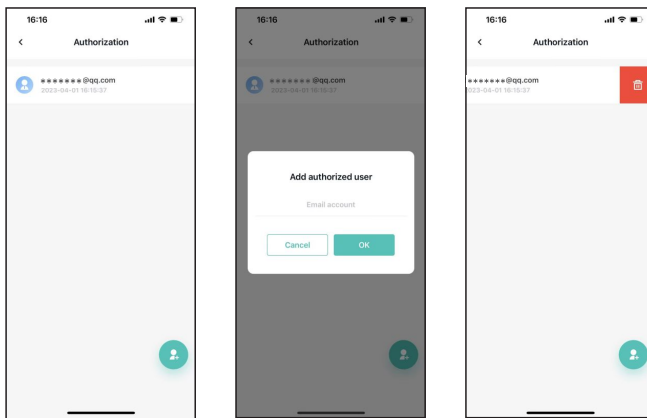


④ Authorization Management

The primary account can authorise other registered users to use this EV charger. Enter the already-registered email address to complete the authorisation.

The authorisation list shows the authorised email and authorisation time. Swipe left on a list item and tap 【Delete】 to revoke permissions; the deleted user can no longer operate the EV charger.

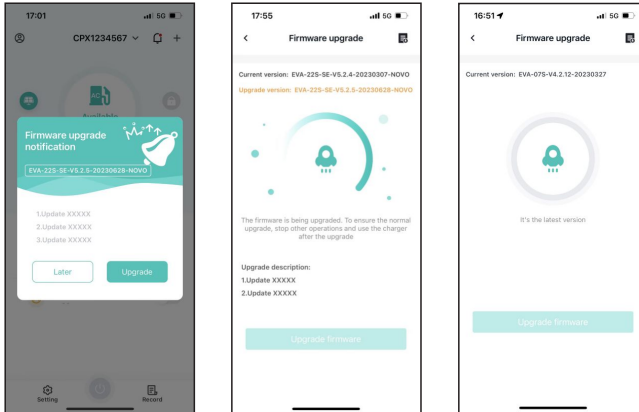
Note: Authorised users can only start charging. Stopping charging and releasing the electronic lock can only be performed by the account that initiated the charging session.



⑤ Firmware Upgrade

When a new firmware version is detected, an upgrade notification popup will appear. Tap [Upgrade] to go to the upgrade page, or tap [Later] to close the popup; you can also enter via the [Settings] entry.

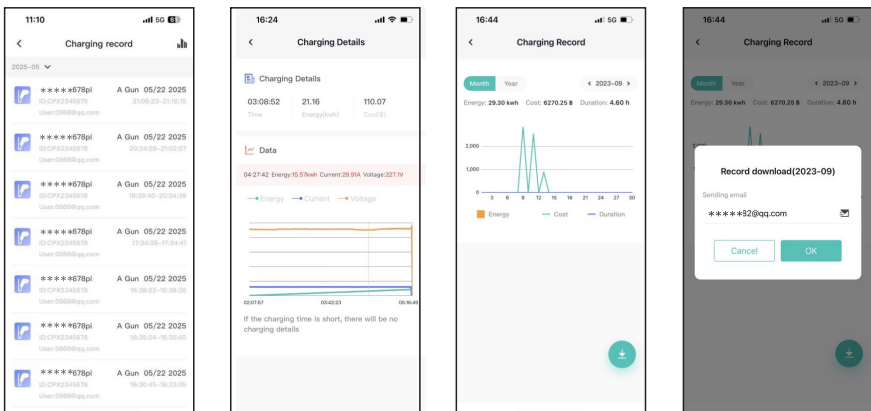
Upgrade success: The firmware version updates to the new version. Upgrade failure: You can retry the upgrade.



2.6 Charging Records

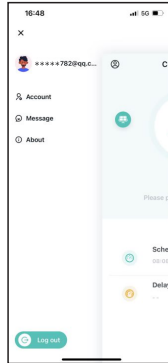
Used to query historical charging session records of the EV charger. Tap an entry to view the complete data details of a single session.

- Supports monthly and yearly statistics of total electricity consumption, cost, and charging duration, with visual charts for distribution.
- Allows selecting a query time range, exporting charging records, and sending them to a specified email address.



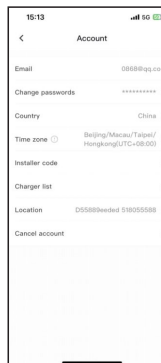
2.7 My Page

The My Page includes: [Account Management], [Message Centre], [About Us]. Tap the avatar to modify.



① Account Management

- Email: Displays the email address used for registration, read-only.
- Change Password: Requires verifying the current password, then entering and confirming a new password.
- Country: The country selected during registration, can be modified.
- Time Zone: When binding a EV charger, the account time zone is synchronised to the charger.
- Installer code: Maintained on the operations platform when entered, the system validates its correctness; after association, the installer can view the charger's data on the operations platform.
- Charger List: List of EV Chargers bound to this account; swipe left to delete a charger.
- Location: Modify the user's location postal code.
- Cancel account: After cancellation, all data under the account will be cleared and you will not be able to log in to the App.

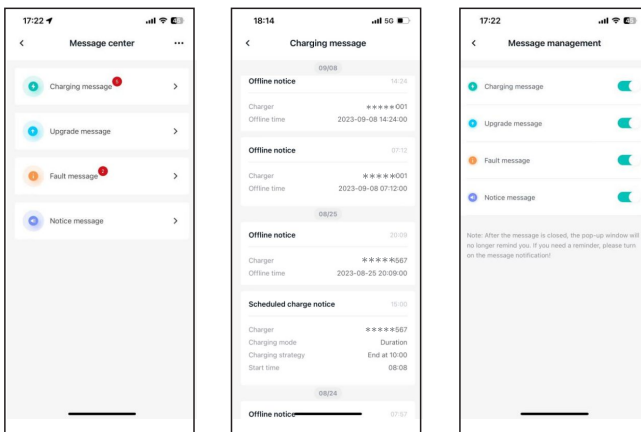


② Message Centre

Message types: Charging messages, upgrade messages, fault messages, and announcement messages.

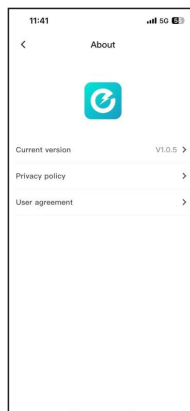
- Charging messages include start/end/scheduled/pause/offline notifications.
- Upgrade messages include firmware upgrade success/failure notifications.
- Fault messages include device fault notifications.
- Announcement messages include maintenance and general notifications.

Message management: If a message type is turned off, no alerts will pop up, but new messages will be marked on the icon. If enabled and you are not in the App, an alert will be shown.



③ About

If a newer version is detected, it shows "update" ; tap to jump to the corresponding download address to install.



Reminder

1. Use the parameter settings function with caution; incorrect settings may render the EV charger unusable.
2. When the EV charger has a fault, check the charger according to the displayed fault information.
3. Some older firmware versions may not support certain functions; please confirm whether your current EV charger firmware version supports the feature.



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Revised date: 2026-09-07