Delta AC MAX APP operation manual
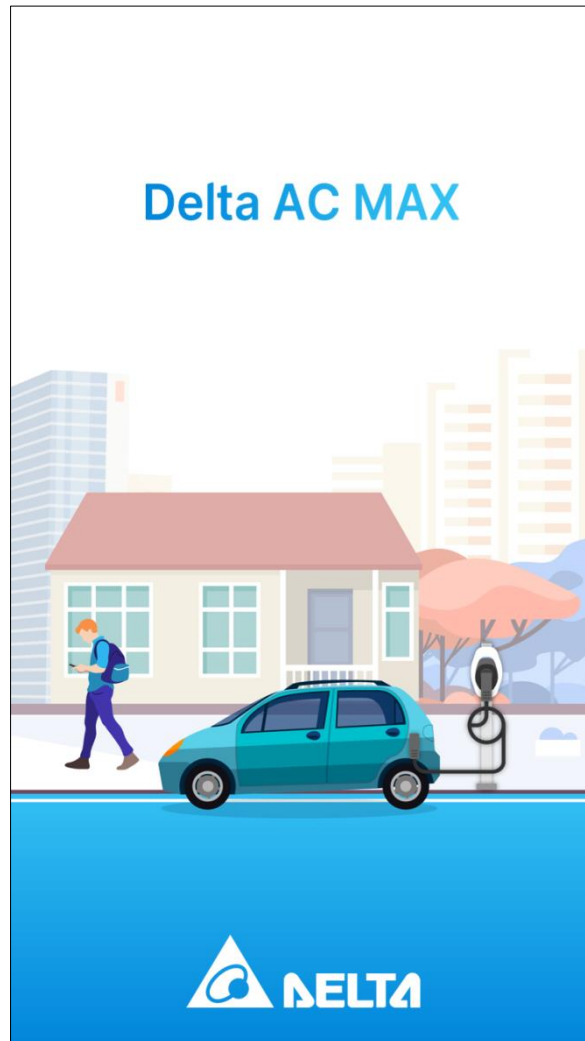
Table of Contents

Delta AC MAX App helps user to connect with the Wallbox (Delta AC MAX) and charge your electric vehicle. This operation manual includes instructions to download and install the app, set up the connection between your phone and Wallbox, and how to use the App.

1. Download and installation

This app supports both iOS and Android operating systems.

1.1. Download from App Store (iOS)

1.1.1. Open App Store

On iOS, tap the App Store to display the [Today] page.
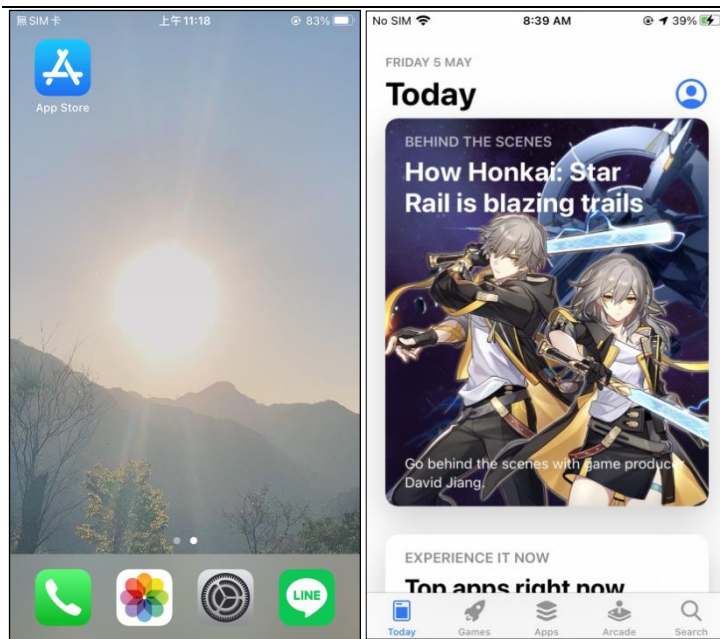
1.1.2. On the App Store, click search and enter "Delta AC MAX"

Click the [Search] button below to enter the search page, enter "Delta AC MAX" in the input box, and press the [Search] button to see [Delta AC MAX] app in the list page. Click "Get" to start the app installation.
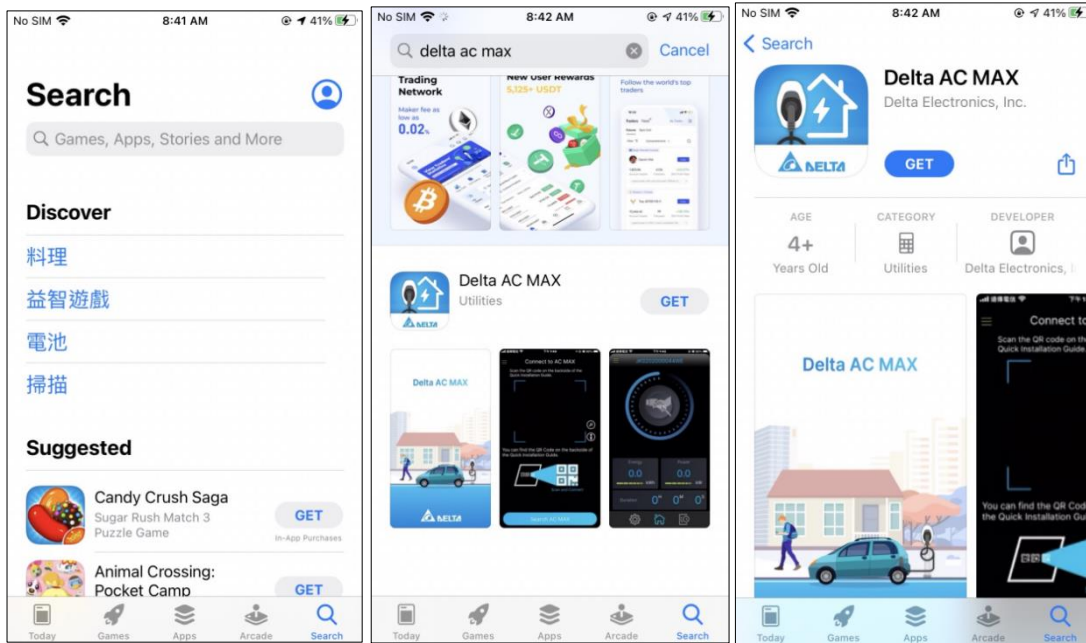
1.2. Download from Play Store (Android)

1.2.1. Open Play Store

For Android phones, tap [Play Store] to display the [Apps] page.
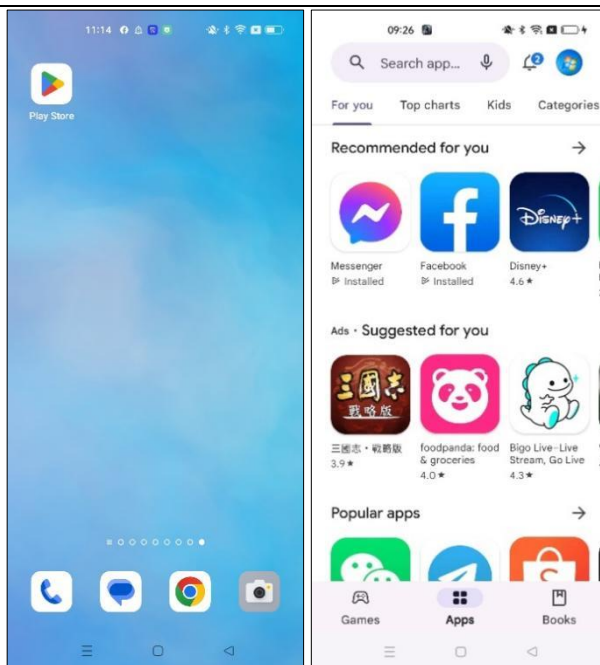
1.2.2. In the Play Store, enter "Delta AC MAX"

Enter "Delta AC MAX" in the input box at the apps page, and press the [Search] button to see [Delta AC MAX] in the list. Click the Delta AC MAX app to enter the app information page, and click [Install] to start the app installation.

2. Connect phone to Wallbox

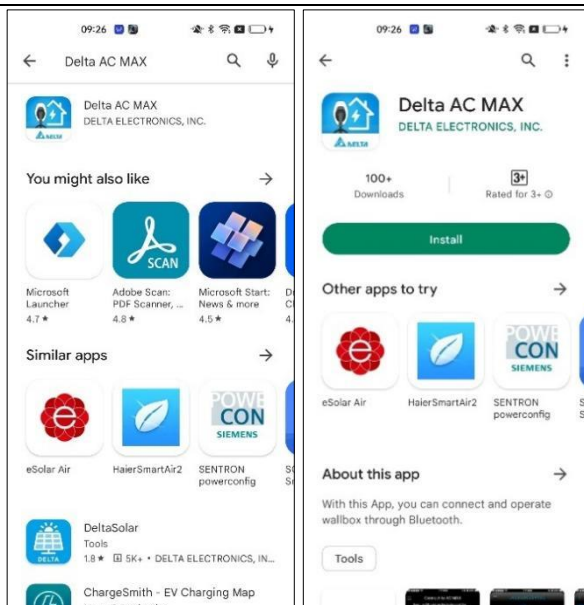There are two types of Wallbox: Basic Wallbox and Smart Wallbox. The Basic Wallbox is connected using Bluetooth, while Smart Wallbox is connected using Wi-Fi.

Note: The first connection between Smart Wallbox & phone is using Bluetooth, and then Smart Wallbox communicate with Phone over Wi-Fi.

This app provides the following 3 methods to connect to Wallbox. Before connecting, you need to open the app, enter the [Scan QR Code] page, and authorize the app to use the phone features, which include phone's camera, location, Bluetooth scanning, Bluetooth connection, etc.

Note: To connect phone to Wallbox, the Wallbox's Firmware needs to update to v01.26.16.00 or above version.

1. Scan the QR code to connect to Wallbox: Scan the QR Code by app for quick connection and log in to Wallbox.

2. Manually connect to Wallbox: Connect to Wallbox manually by app, enter the Bluetooth pairing code, Wi-Fi password, and login password to connect.

3. Connect to Wallbox by using connection history: In the Wallbox history list in app, click the Wallbox you want to connect for quick connection and log in to Wallbox.

Note:

1. If Smart Wallbox cannot be connected, please power off the Wallbox and restart it. The Wallbox Wi-Fi AP will be enabled within two hours after Wallbox is powered on, and then disabled. Please use the app to connect and log in to Wallbox before the Wi-Fi AP is disabled.

2. When opening the app, the app will check if a new Wallbox firmware is available in the cloud with currently network conditions. If yes, the app will ask user whether to download the new firmware to the phone, and then use it for Wallbox firmware update.

3. If the app closed before log out the Wallbox, when the app opened next time, it will automatically try to connect and log in to the same Wallbox.

2.1. Open the app

Click the [Delta AC MAX] app icon on your iOS or Android phone to open the app. [Privacy policy & Copyright] information will be displayed in the app. Click [OK] below to enter the next step. If you do not want to see the [Privacy policy & Copyright] message when you open the app in the future, you can check the [Don't show this message again] option at the bottom of the page.
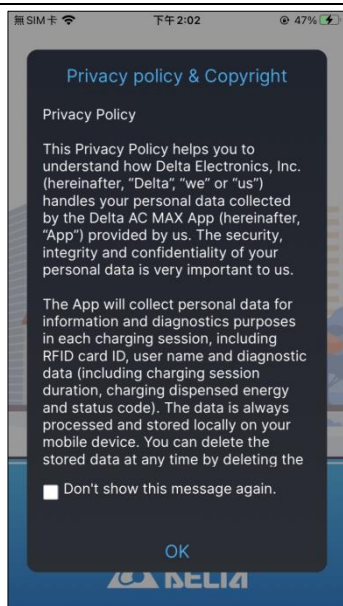
The following instruction screen will be displayed when you install and use the app for the first time. It will not appear when you use the app again unless you uninstall and reinstall the app.
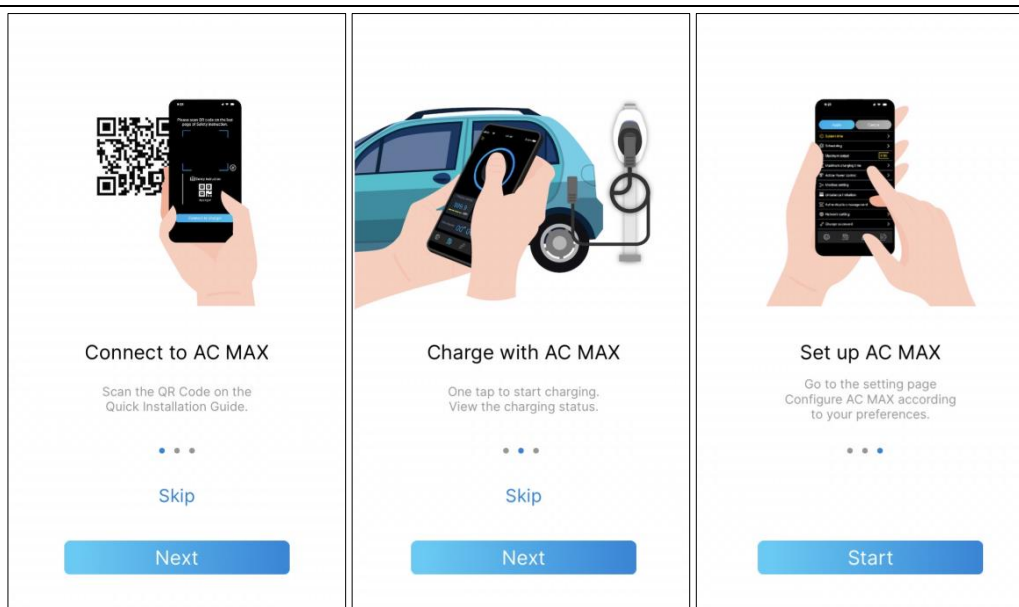
2.2. Authorize the app to use phone features

The app connect to Wallbox using Bluetooth or Wi-Fi, and it needs access of the camera for QR Code scan to obtain the Wallbox login information. Please agree and permit the app to access the mobile phone features required.

2.2.1. How to authorize the iOS app to use mobile phone features

During the operation of iOS app, you need to authorize the app to use [camera, location, Bluetooth] and other permissions. Please click [Continue] when the [Notification] message appears and enable access with related phone features.
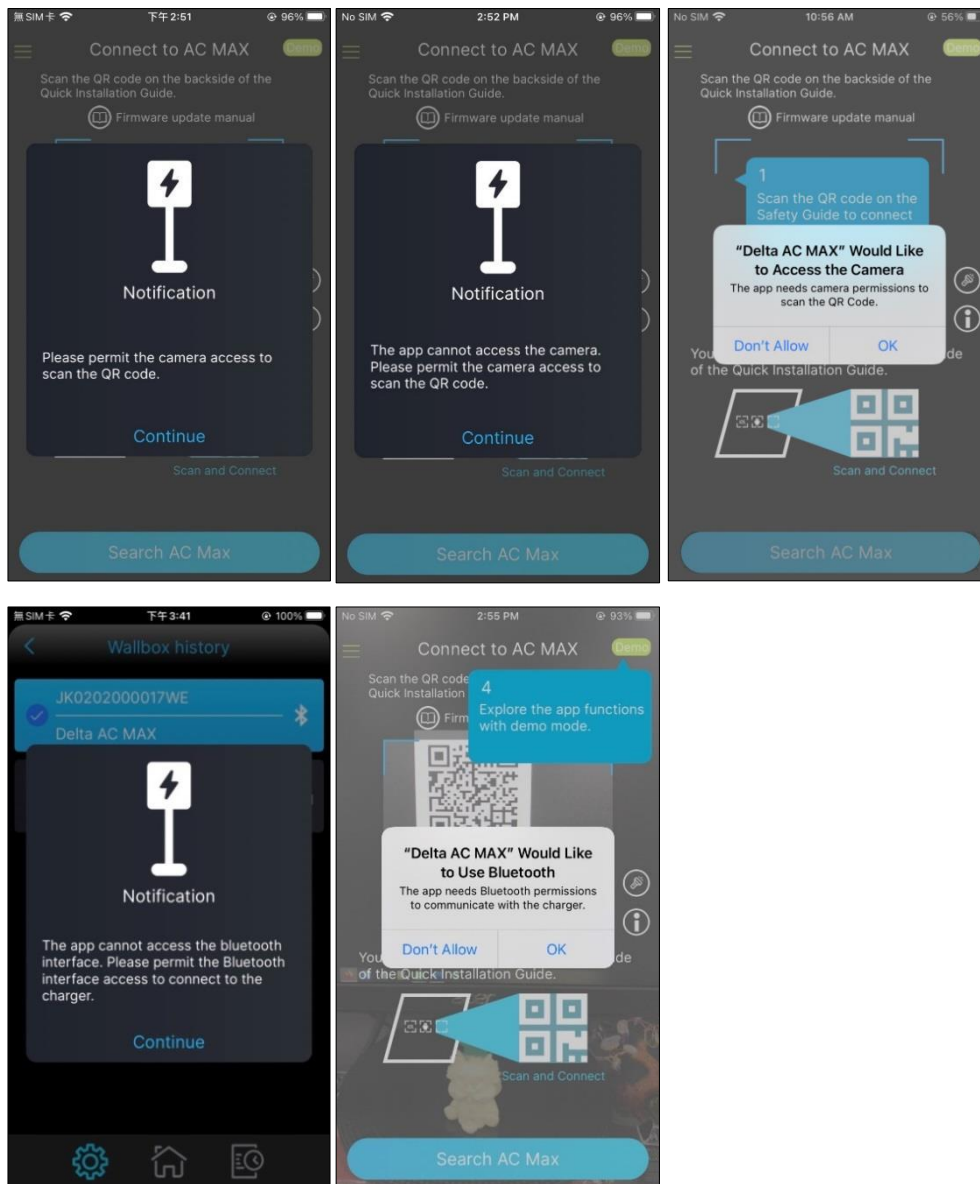
2.2.2. How to authorize the Android app to use mobile phone features

During the operation of the Android app, you need to authorize the app to use [camera, location, nearby devices] and other permissions. Please click [Continue] when the [Notification] message appears and enable access with related phone features .

Note: The permission requirements for [Nearby Device Permission] is only available for Android 12 and above.

2.3. Enter the "Scan QR Code" page

When you open the app for the first time and enter the [Scan QR Code] page, several dialog boxes will be displayed, which provide short text descriptions as a tutorial. After the tutorial, you can start the connection.

Note: All dialog boxes will only appear once after you install and open the app. They will not appear again unless you uninstall and reinstall the app.
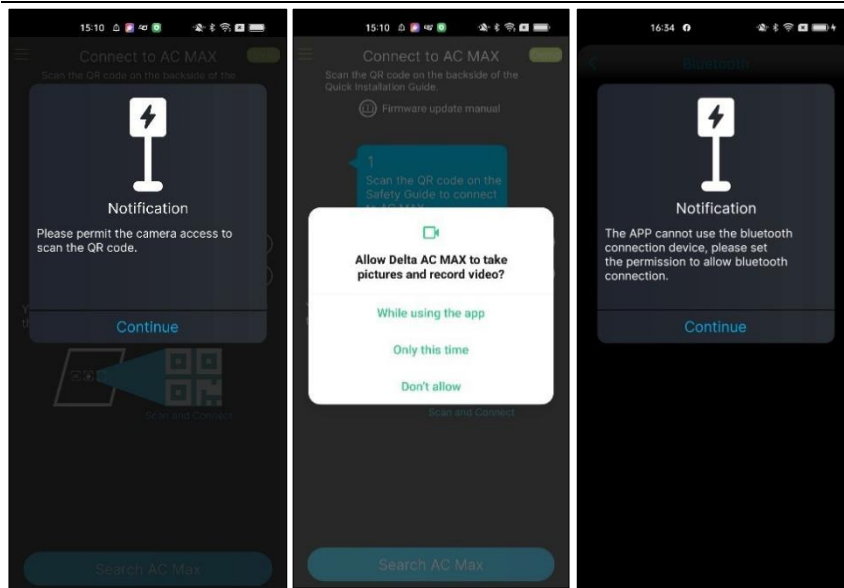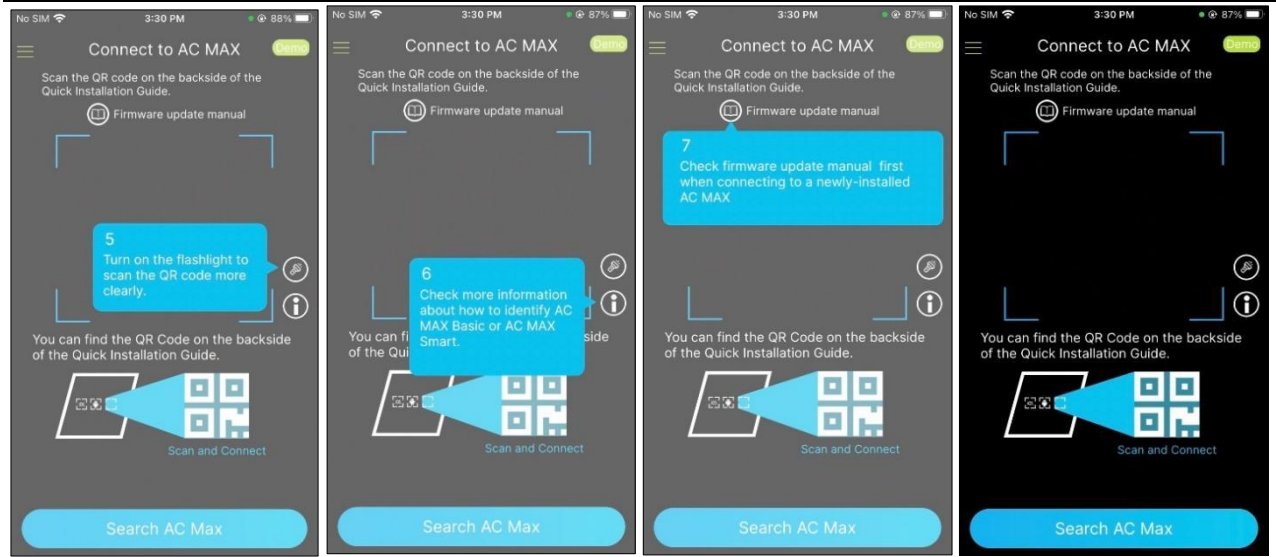
2.4. Scan the QR code to connect to Wallbox

The QR code information can be found on the back of the Quick Installation Guide or on the left of Wallbox. Please scan the QR code with scanning box of the app to connect and log in to Wallbox. The information of the QR code will include the serial number of Wallbox, the connection mode, the Bluetooth pairing code, the connection password, the Wi-Fi password, and the login password based on the type of Wallbox.

Note: When scanning, if the QR code content is incorrectly formatted, the app will display an error message.

2.4.1. Connect to Basic Wallbox

When the app scans the QR code to connect to Basic Wallbox, it will display the Bluetooth pairing code information. Please enter this Bluetooth pairing code in the pairing code input box, and the app will complete the connection and log in to the [Home page] page of Wallbox.

Note: If you want to connect to a Wallbox that you have previously logged in to, please use [Wallbox History] to connect. If you still want to connect by scanning the QR code, the Bluetooth pairing code input box will appear.

1. For iOS:
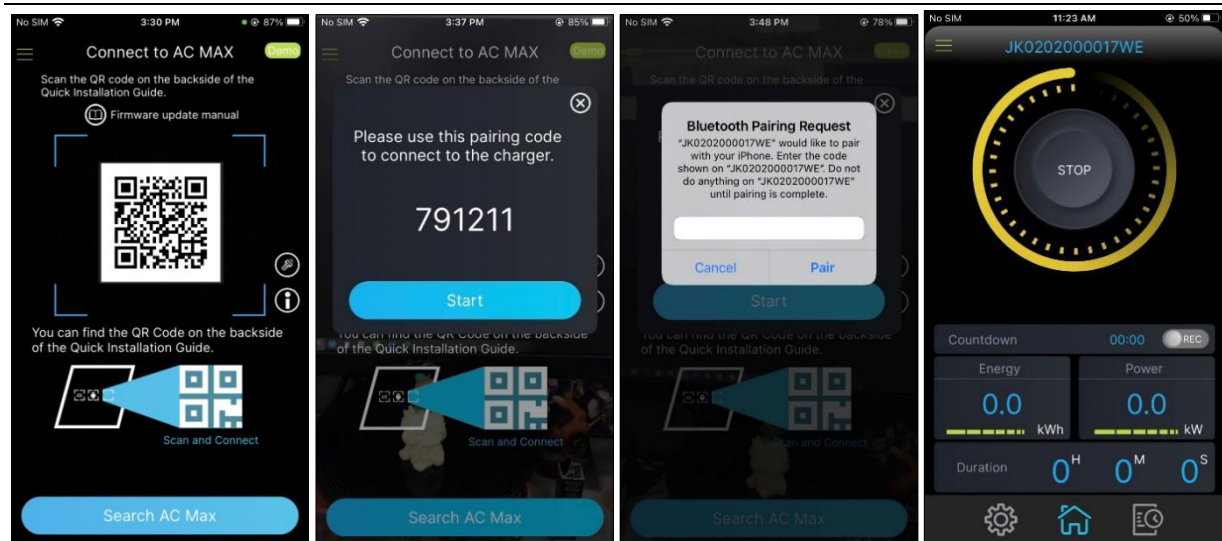
2. For Android:
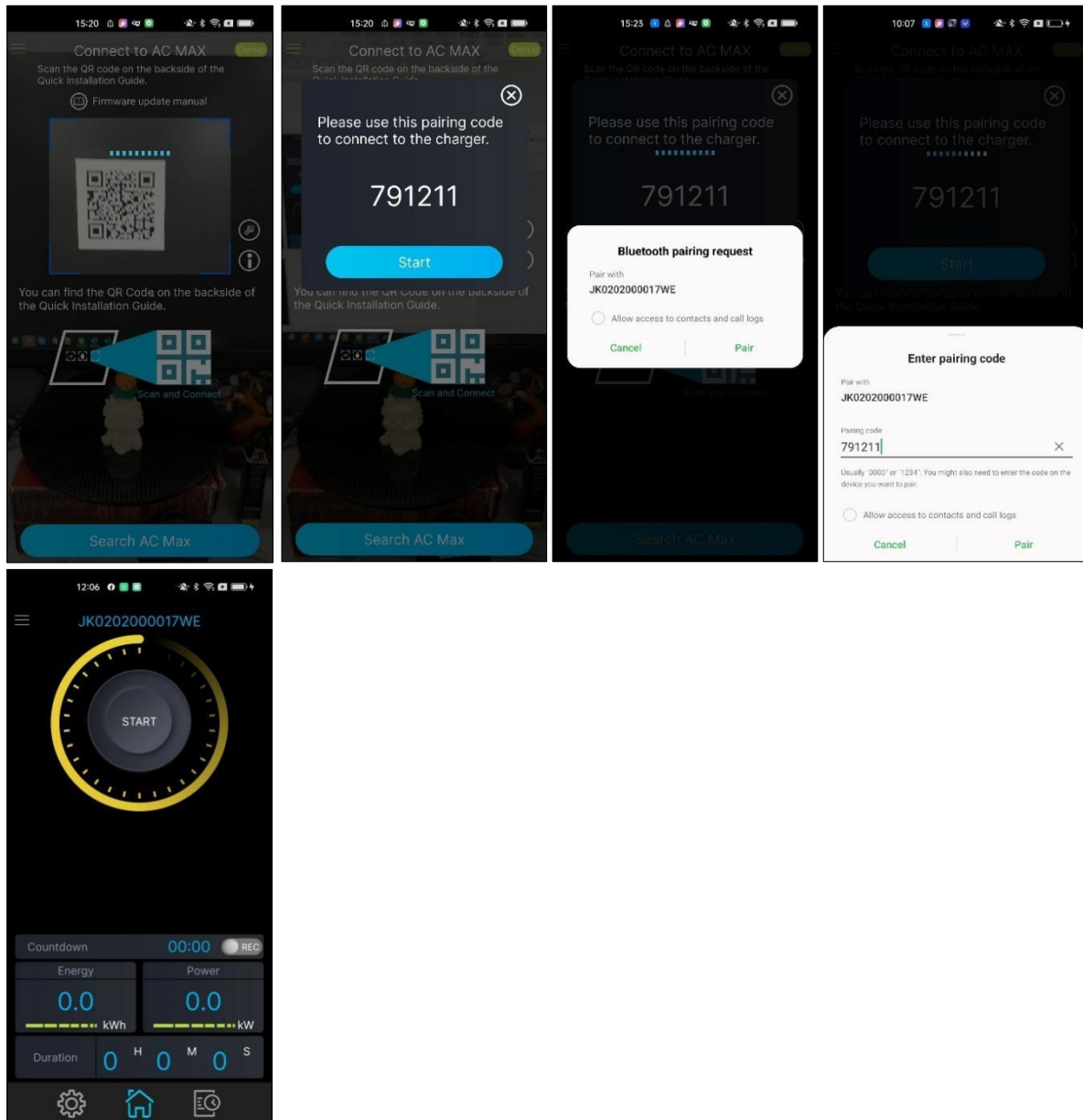
2.4.2. Connect to Smart Wallbox

When the app scans the QR code to connect to Smart Wallbox, the app will ask to join the Wi-Fi AP network of Smart Wallbox. After agree to join, the app will complete the connection to log in to the [Home page] page of Wallbox.
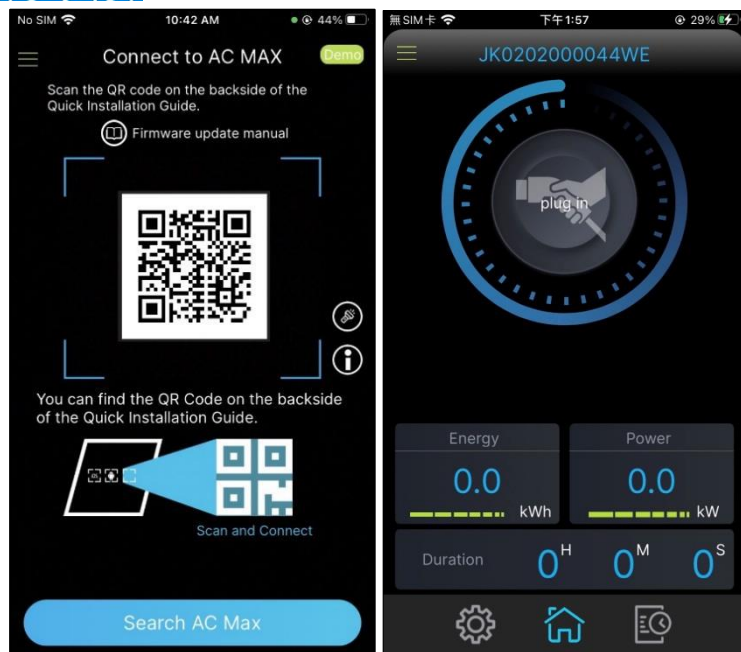
2.4.3. Enter the home page

After the app successfully connects to Wallbox for the first time, the dialog box for each function of the [Home page] will be displayed. This content will not be displayed again unless you uninstall and reinstall the app.

Note: Countdown and REC switch functions are only available for Basic Wallbox.
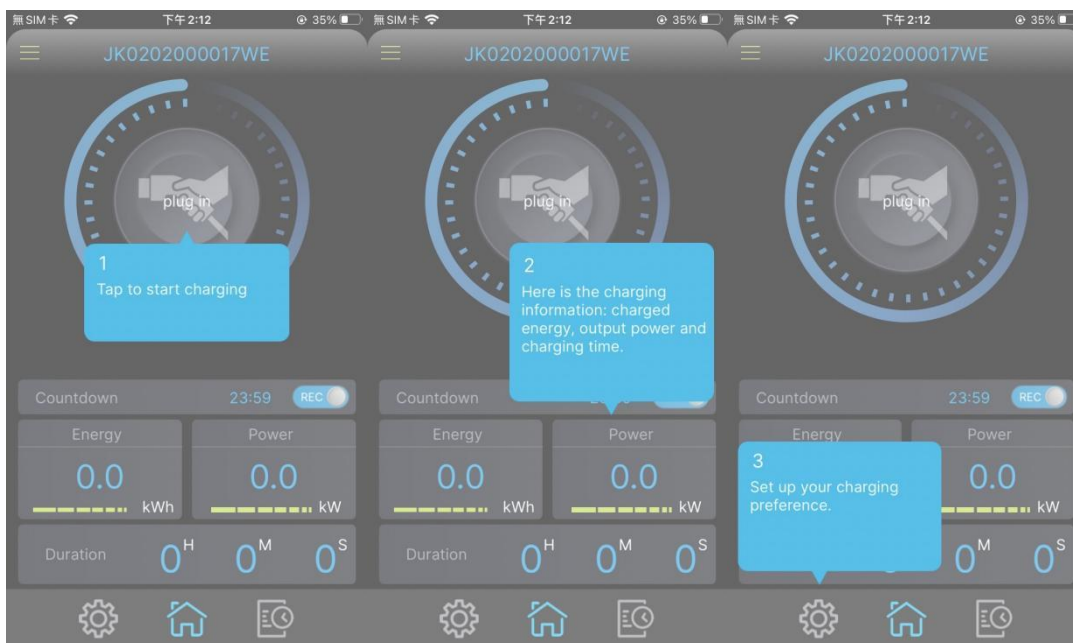
2.5.   Manually connect to Wallbox

2.5.1.   Connect to Basic Wallbox

On the Scan QR Code page, click [Search AC MAX] will enter the [Bluetooth] page, and the app will start scanning and display nearby Wallboxes that can be connected, and you can click on the Wallbox you want to connect. If you want to connect to a Basic Wallbox, the app will display the Bluetooth pairing code input box. Please enter the pairing code. When pairing is completed, the login password input page will be displayed. After enter the correct password, you can log in to Wallbox and enter the Home Page.

Note:

1.   For the Bluetooth pairing code and login password, please find it on the back of Quick Installation Guide.

2.   The [Bluetooth] page will not display Wallbox that already connected to other Delta AC MAX apps.

3.   This app will remember the Wallboxes that have been connected. Click the Wallbox that has been connected and logged in on the [Bluetooth] page, then you can log in to Wallbox without entering the Bluetooth pairing code and login password again. If the user has connected before but goes to the settings page of phone to unpair the Wallbox Bluetooth, the Bluetooth pairing code is still required.

1. For iOS:

2. For Android:
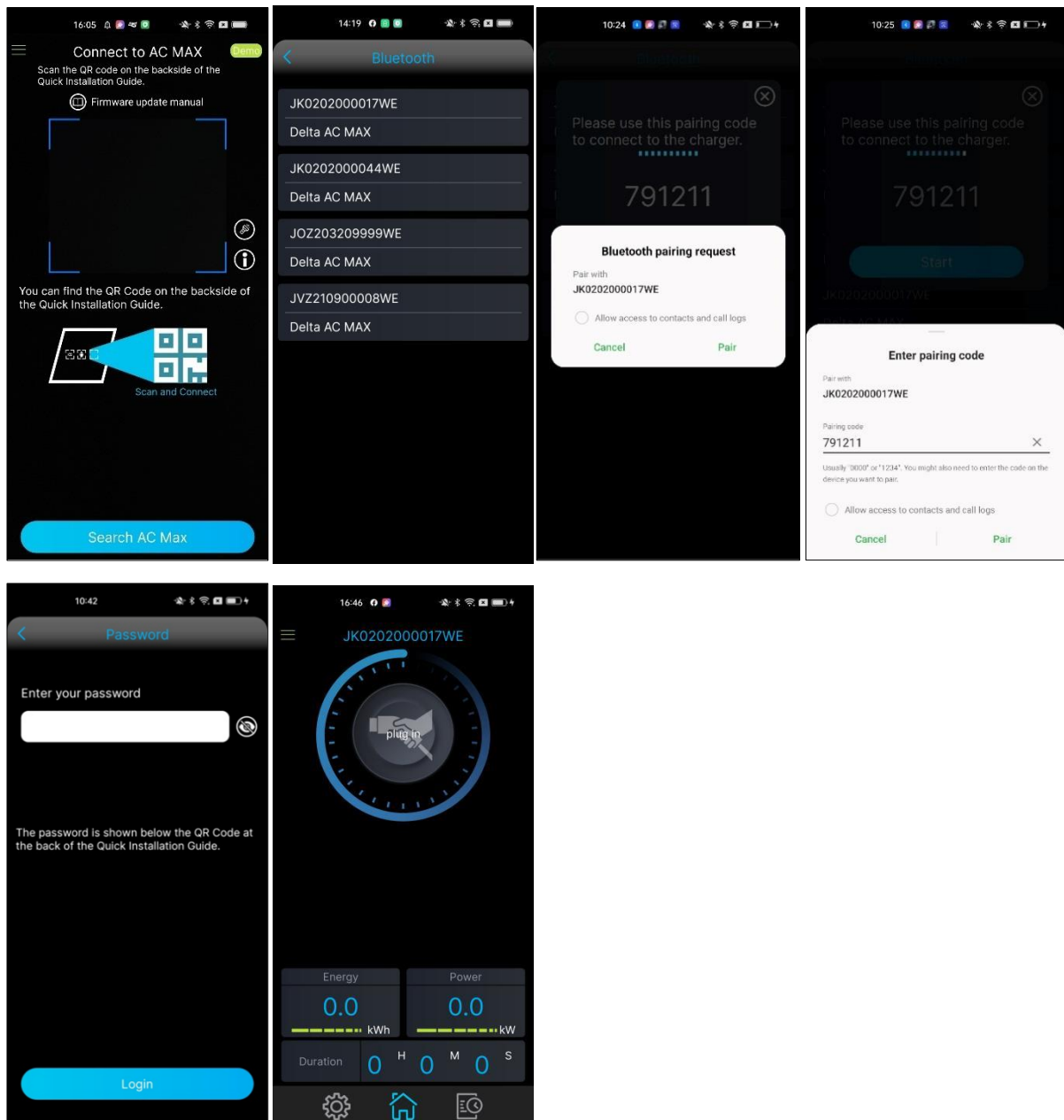
2.5.2. Connect to Smart Wallbox

1. For iOS:

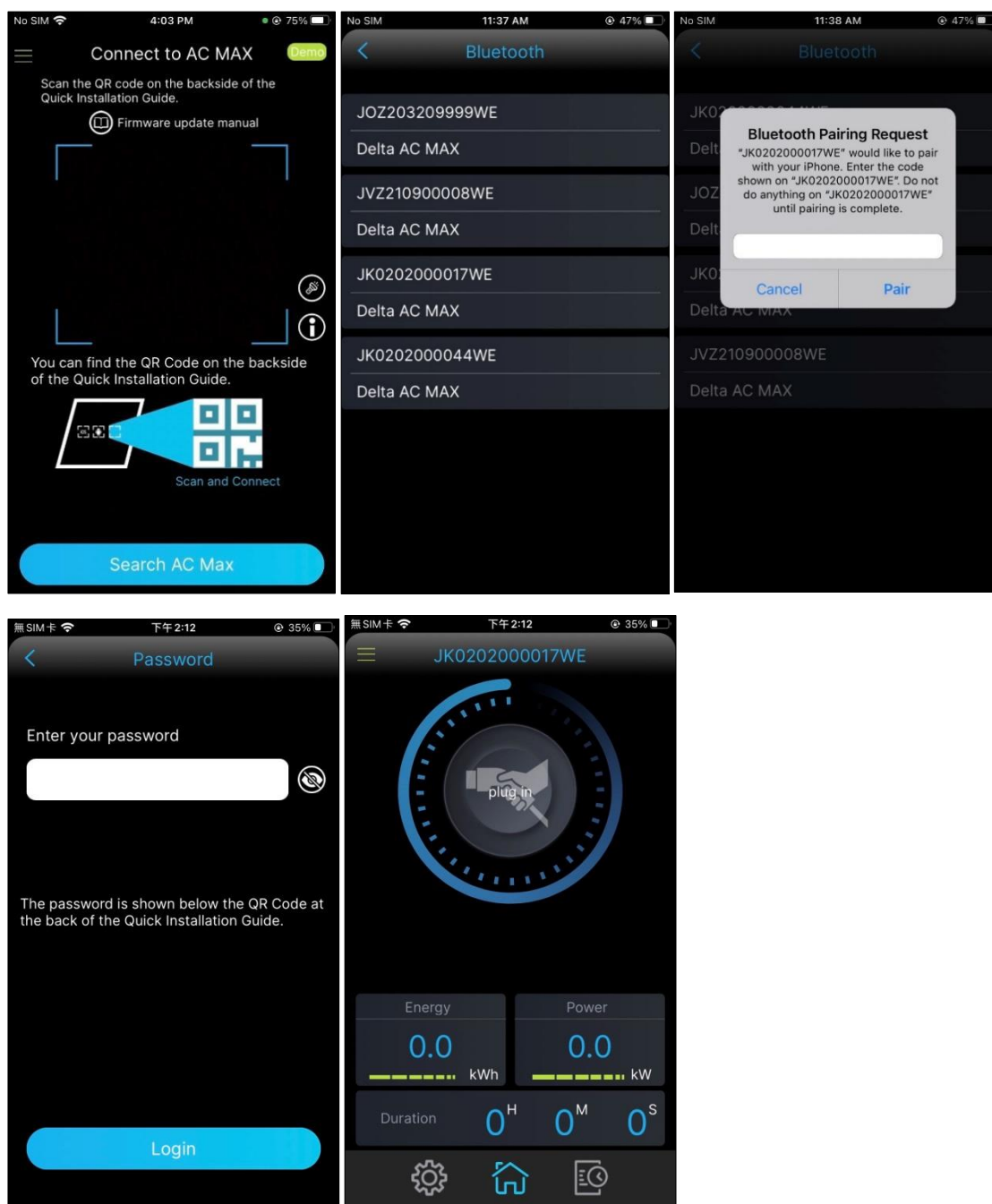On the Scan QR Code page, click [Search AC MAX] will enter the [Bluetooth] page, and the app will start scanning and display nearby Wallboxes that can be connected, and you can click on the Wallbox you want to connect. For a Smart Wallbox, the phone will open the [Settings] page. Please click [< Settings] in the upper left corner of the screen, then click [Wi-Fi] to enter the Wi-Fi page, and click the Wallbox Wi-Fi AP you want to connect to, for example, [JK0202000044WE]. Enter the correct password in the Wi-Fi password box and connect. After the Wi-Fi is connected, click "Delta AC Max" in the upper left corner of the Wi-Fi page, then the app will open the login password page. After entering the correct password, you can log in to Wallbox and enter the [Home page] page.
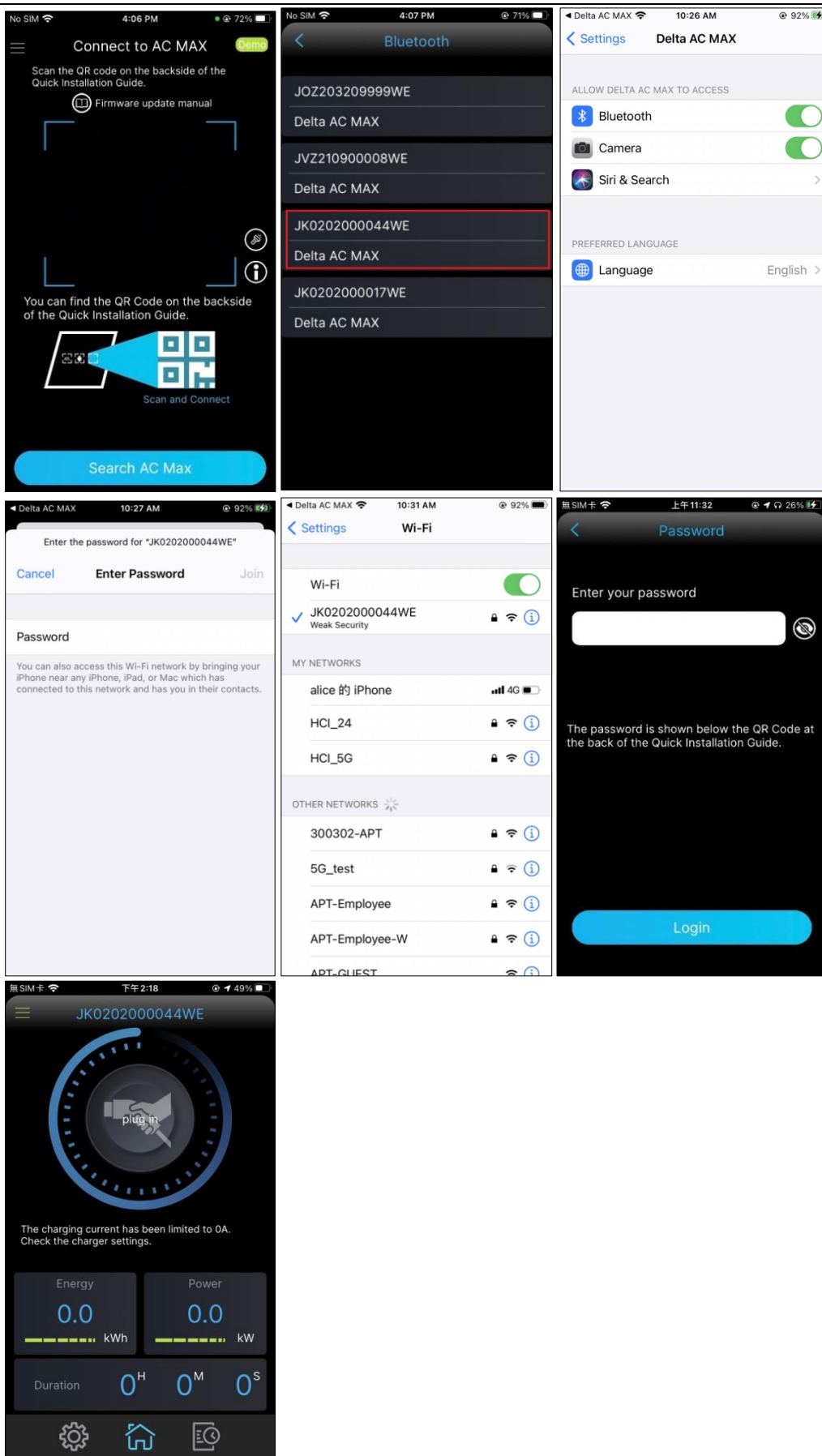
2. **For Android:**

On the Scan QR Code page, click [Search AC MAX] will enter the [Bluetooth] page, and the app will start scanning and display nearby Wallboxes that can be connected, and you can click on the Wallbox you want to connect. For a Smart Wallbox, the phone will open the Wi-Fi page. Please click the Wallbox Wi-Fi AP you want to connect to, for example, [JK0202000044WE]. Enter the correct password in Wi-Fi password box and connect. After the Wi-Fi is connected, please switch to Delta AC MAX App again. The app will open the login password page. After entering the correct password, you can log in to Wallbox and enter the [Home page] page.
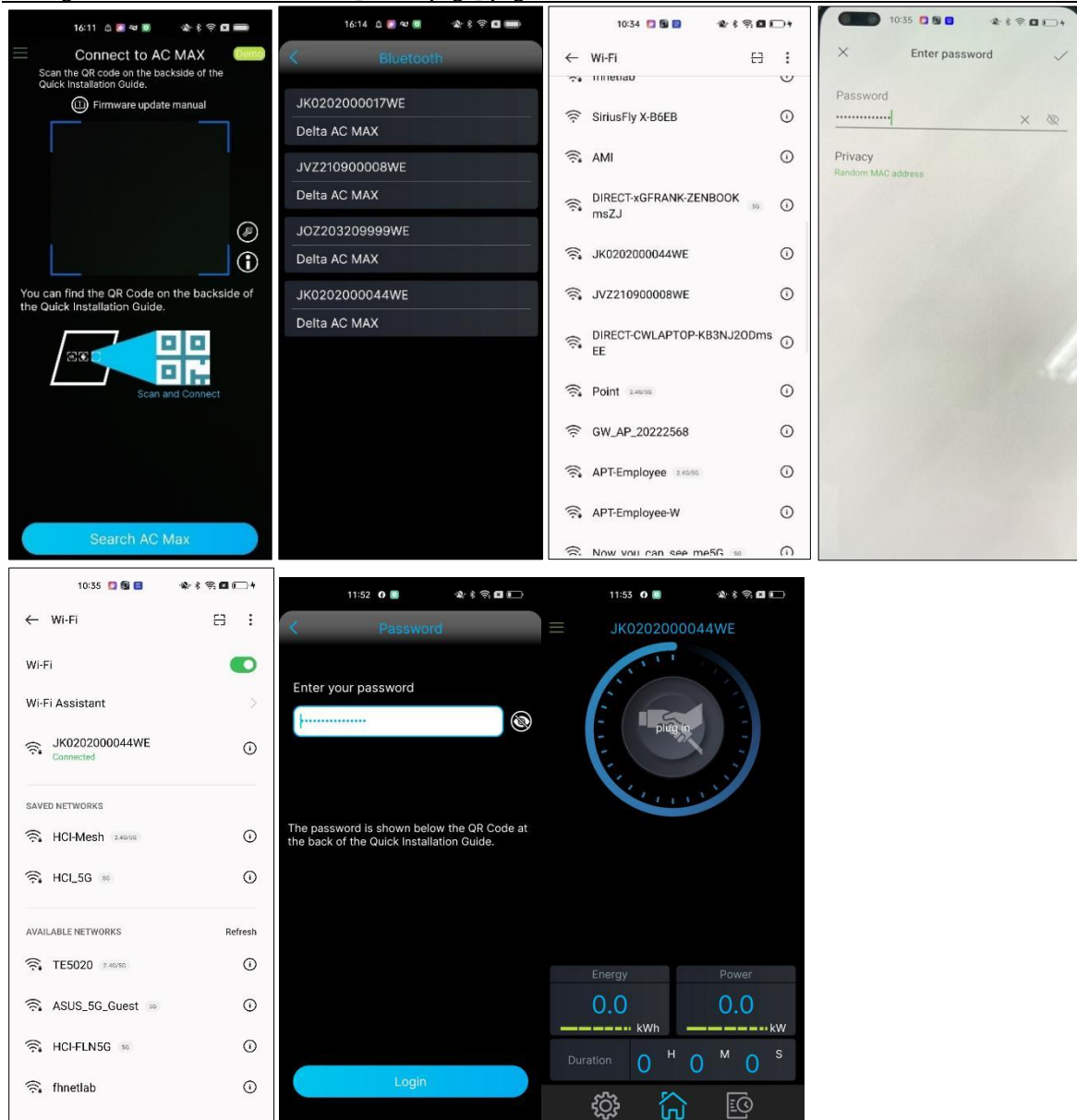
2.6. Connect to Wallbox by using connection history

The app will remember the connection information of Wallboxes that have been connected before. On the [Scan QR Code] page, click [≡] in the upper left corner to check the list [Wallbox History] of Wallboxes that have been connected. Click on the Wallbox you want to connect for quickly connection and log in to Wallbox.

Note: In the Wallbox History list, the icon on the right side shows the Wallbox is connected via Bluetooth or Wi-Fi. Wallbox History can only hold a maximum of five Wallbox files that have been connected.
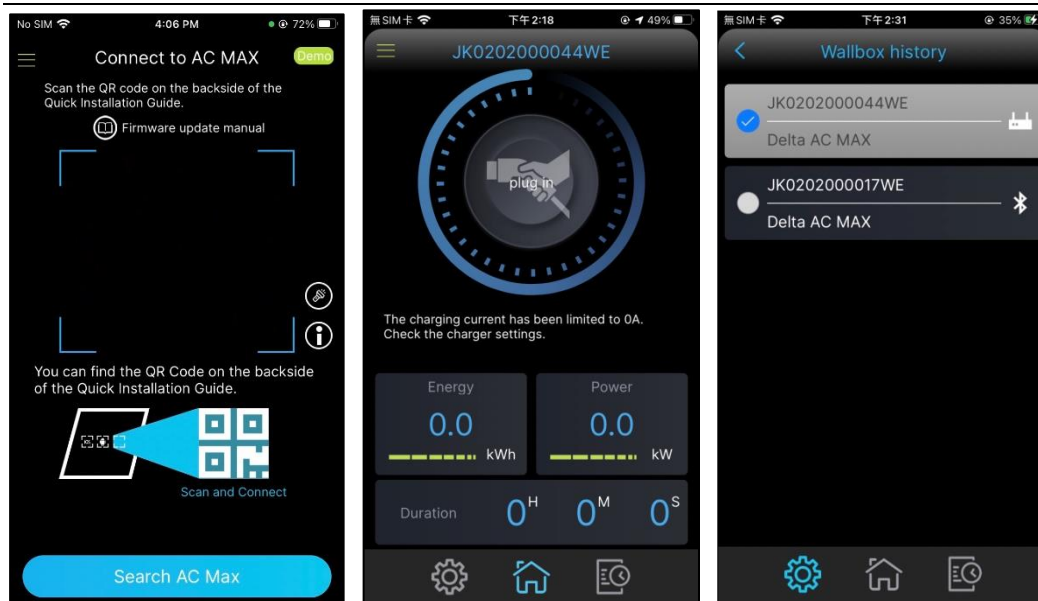
3.   How to use the APP

The App has [iOS version] and [Android version], Wallbox has [Basic-type] and [Smart-type], and each type of Wallbox has [European model] and [American model]. In the following features and instructions, it will be specifically indicated if a feature is only applicable/ not applicable to a particular APP version or a Wallbox model, or a Wallbox version.

Note: Instructions will be also presented in the [Instructions] item within the APP's [Configuration] .

3.1.   Scan QR Code

| 1 | Scan QR Code

This page provide the information about how to connect to the Wallbox.
1. Click ▤ to open the Wallbox history page, which allows user to connect and log in to Wallboxes which they have connected before.
2. Click Demo to enter the Demo mode, which shows the functions of this APP.
3. Click 🔲 to download and check the firmware update manual.
4. By scanning the QR code of the Wallbox you want to connect, the APP can connect and log in to the Wallbox.
5. Click 🔦 to turn the phone's LED on or off.
6. Click ⓘ to check the Wallbox label information and the QR Code location.
7.   After clicking ⬭Search AC Max, this APP will scan and display the nearby connectable Wallbox. Once selected, the connection can then be started. |
|---|---|

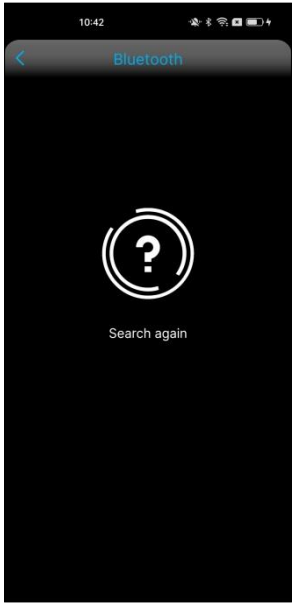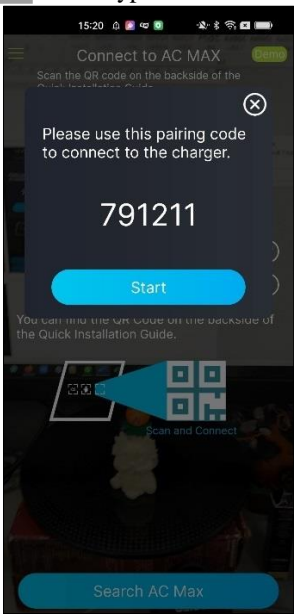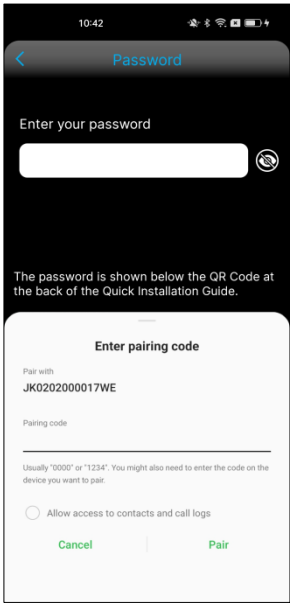| 2	
	Label information and the QR code location. Please refer the picture to find the serial number and the QR Code on the left side of the Wallbox.
3 	Wallbox List: Click "Search AC MAX" on the Scan QR Code page to access this page. 1. Bluetooth page, showing the nearby connectable Wallboxes. 2. Each Wallbox will display it's SN and Wallbox name. If the Wallbox is not named, the default name "Delta AC Max" will be displayed. 3. User can click SN or the Wallbox name to connect. Note: If the Wallbox you clicked is a Smart-type, the operation will be different for Android and iOS to connect Wallbox Wi-Fi AP: (1) For iOS, a permission setting page of the APP will be displayed on the screen. Please press "< Settings" in the upper left corner to go to the settings page, then click and go to the Wi-Fi page to select the Wi-Fi APP of the Wallbox that you want to connect to. After enter the correct Wi-Fi password and connected, click "<Delta AC MAX" in the upper left corner of the screen to return to the login password input page of the APP. After enter the correct login password, you can log in to Wallbox and enter the Home Page. (2) For Android, the Wi-Fi page of the phone will be displayed on the screen. After select the Wi-Fi AP of the Wallbox that you want to connect to, and enter the correct Wi-Fi password, please close the Wi-Fi page of your phone and return to the login password input page of the APP. After enter the correct login password, you can log in to Wallbox and enter the Home Page. Note: This APP will remember the password of Wallboxes that have been logged in before. When connecting to such Wallboxes, the APP will skip the login page and log in automatically.
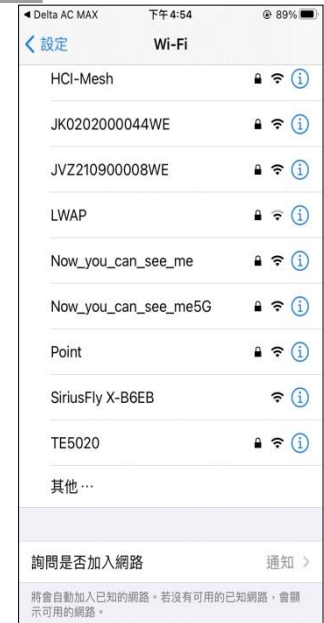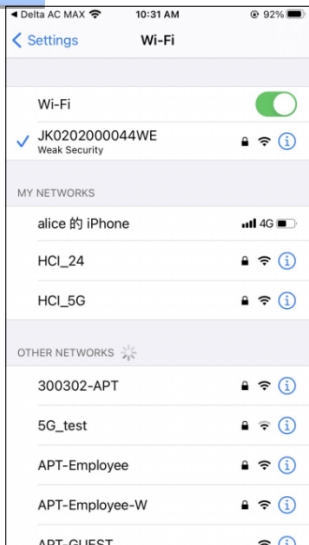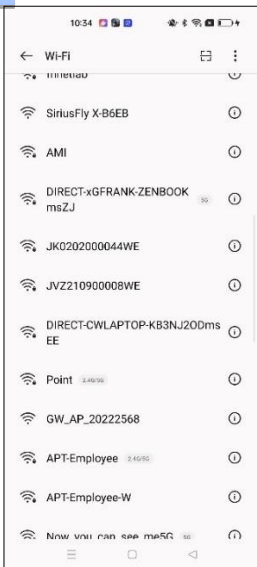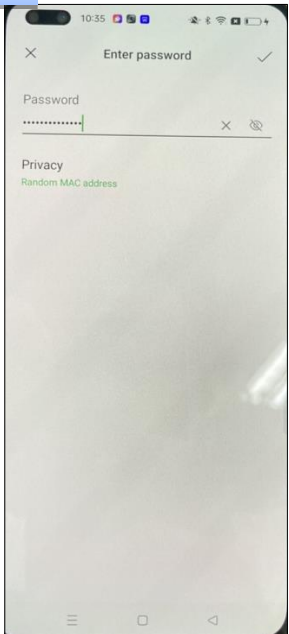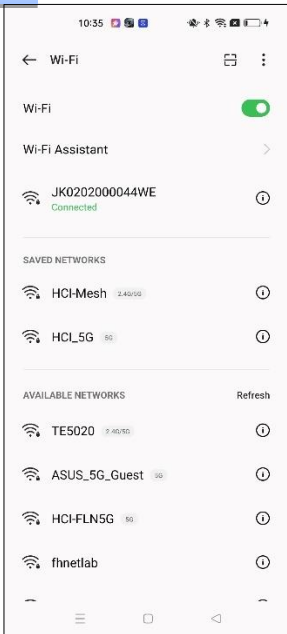
| 4 Basic-type Wallbox	Wallbox list page 1. "Search again" will be displayed if there is no connectable Wallbox nearby. User can click on the screen to start searching for Wallboxes again. If a connectable Wallbox is found, it'll be displayed on this page.	5 Basic-type Wallbox	Bluetooth Wallbox pairing code page The Basic-type Wallbox is connected via Bluetooth. When the APP connects to the Wallbox, Bluetooth pairing is required: 1. When connecting to the Wallbox through the Scan QR Code, the APP will display the Bluetooth pairing code of Wallbox. User need to save and enter the pairing code in the Bluetooth pairing code input box to complete the pairing. 2. Tap the [Start] button to begin Bluetooth pairing. 3. If there is no need for the Bluetooth pairing code operation, click ⊗ to close the window.
6 Basic-type Wallbox Android APP	Basic-type Wallbox iOS APP	Bluetooth Paring Request Dialog 1. This page is the Bluetooth pairing code input page displayed by the mobile phone (the window's content may vary on different mobile phones). After user enter the pairing code, press "Pair" to perform the pairing. If the pairing is not needed, click "Cancel". Once the pairing success, the APP will enter the login password input page. Note: This APP will remember the password of Wallboxes that have been logged in before. When connecting to such Wallboxes, the APP will skip the login page and log in automatically.	

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7	Smart-type Wallbox iOS APP	The iOS phone APP information page of Delta AC MAX:	8	Smart-type Wallbox iOS APP	The iOS phone Settings page:
		Click the Wallbox you want to connect to on the APP's [Bluetooth] page. If it is a Smart-type Wallbox, this page will be displayed. 1. Click "< Settings" at the top left of the UI to leave this page and go to the "Settings" page to setup the Wi-Fi connection with Wallbox.			1. Please click "Wi-Fi" to enter the Wi-Fi page and set the connection for the Smart-type Wallbox.

9	Smart-type Wallbox iOS APP	The iOS phone's Wi-Fi page:	10	Smart-type Wallbox iOS APP	The iOS phone's Wi-Fi password input page:
		1. Please find the Smart-type Wallbox Wi-Fi SSID you want to connect to and click the password setting page of the Wi-Fi SSID. Please also note that the Smart-type Wallbox Wi-Fi SSID is the SN number of the Wallbox.			1. Please enter your Wi-Fi password. Please note that the password can be found on the back of the "Quick Installation Guide". 2. After enter password, please click "Join" to close the page.

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11 Smart-type Wallbox iOS APP	The iOS phone's Wi-Fi page:	12 Smart-type Wallbox Android APP	The Android phone's Wi-Fi setting page:
	1. After successfully setup the Wi-Fi connection for Smart-type Wallbox, click "Delta AC MAX" in the upper left corner to leave this page. The APP will enter the page to log in Wallbox.		Click the Wallbox you want to connect to on the APP's [Bluetooth] page. If it is a Smart-type Wallbox, this page will be displayed. . 1. Please find the Smart-type Wallbox Wi-Fi SSID you want to connect to and click the password setting page of the Wi-Fi SSID. Please also note that the Smart-type Wallbox Wi-Fi SSID is the SN number of the Wallbox.
13 Smart-type Wallbox Android APP	The Android phone's Wi-Fi password input page:	14 Smart-type Wallbox Android APP	The Android phone's Wi-Fi setting page:
	1. Please enter your Wi-Fi password. Please note that the password can be found on the back of the "Quick Installation Guide". 2. After entered password, please click "Join" to close the page.		1. After entering the Wi-Fi password and connecting successfully, you will see that the Wi-Fi status now shows "Connected". 2. Open the Delta AC MAX App, then this App will enter the page to log in Wallbox.

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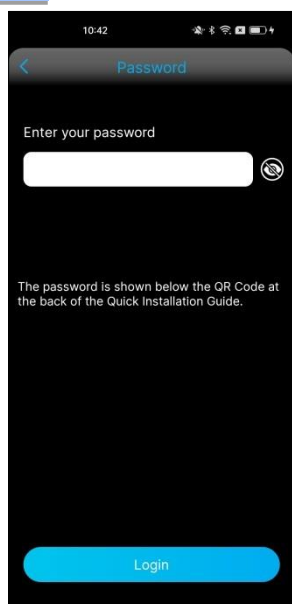
15	Log in to the password input page
	Enter your login password on this page to log in to the Wallbox.
	1. Password input box: Please enter password.
	2. Click 🚫 to display the entered password.
	3. Enter the password and click the [Login] button to log in to the Wallbox.
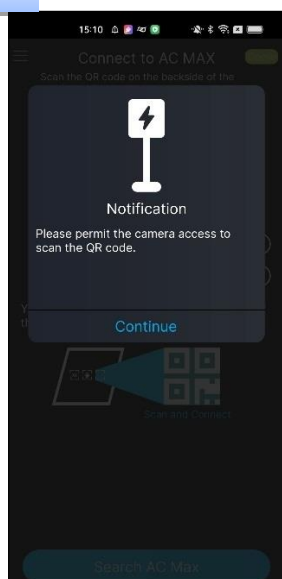
16	Permission required to access the Camera
	1. This APP has QR Code scan function, and need user to permit the APP to access phone's camera.
	2. Please allow the APP to use phone's camera in phone's setting page, and then press the Continue button.
	Note: Without camera permission, this APP cannot be used.

17 Basic-type Wallbox	Require Bluetooth access right notification
	1. This APP connect to a Basic-type Wallbox through Bluetooth, so user need to agree the phone's Bluetooth connection permission to APP.
	2. Please allow the APP to use phone's Bluetooth in phone's setting page, and then press the [Continue] button.
	Note: Without Bluetooth permission, this APP cannot connect to the Basic-type Wallbox.

3.2. Home page

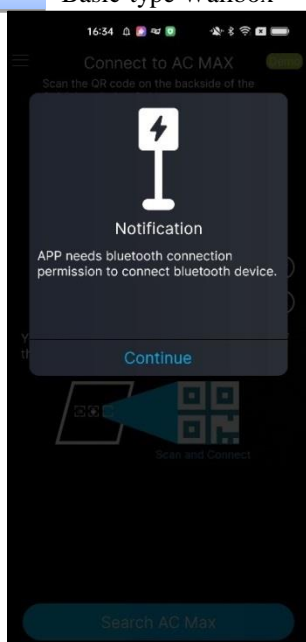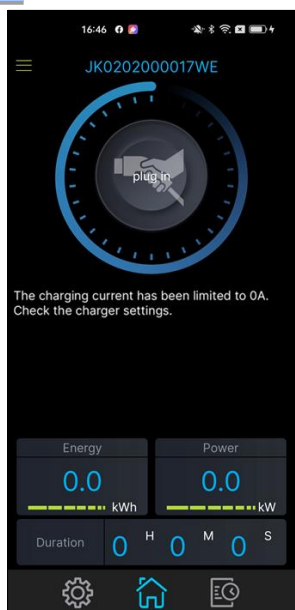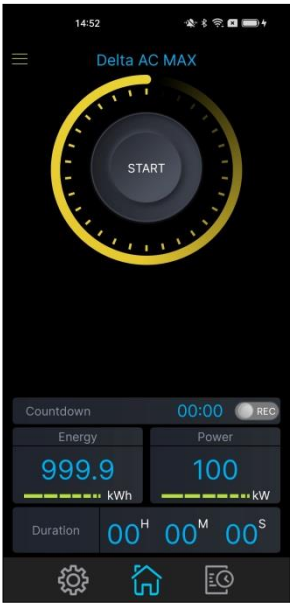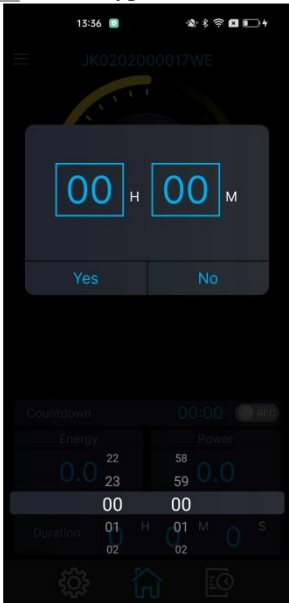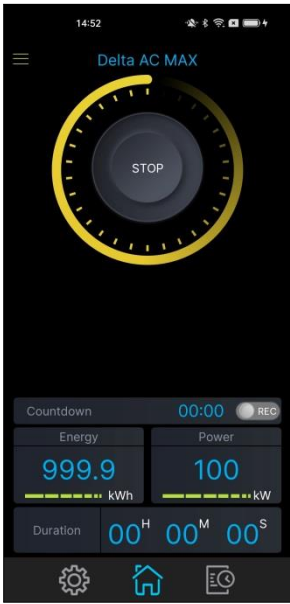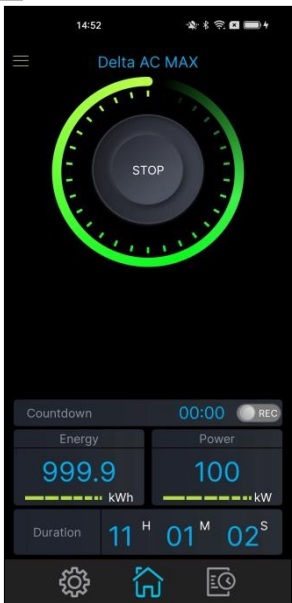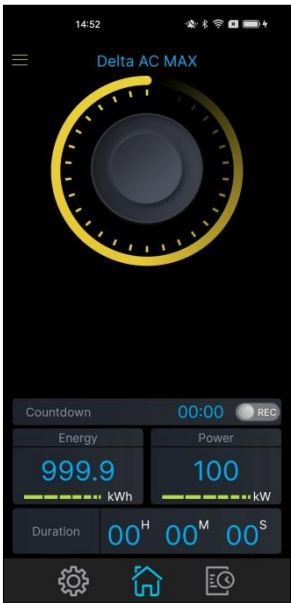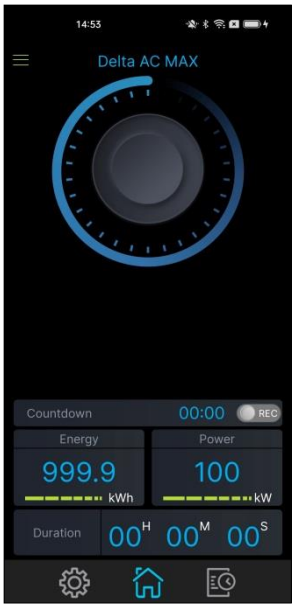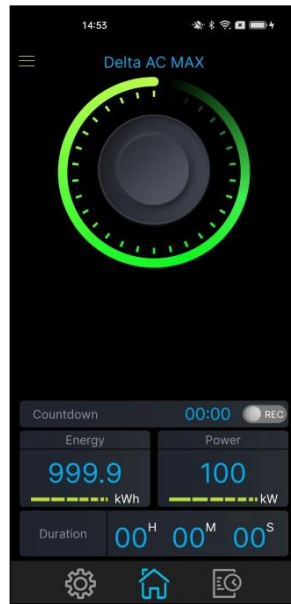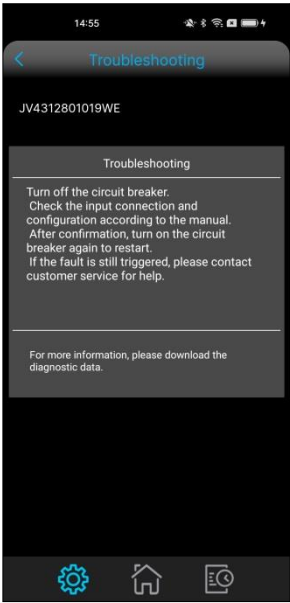| 1	Home page - The Wallbox is ready, wait user to plug the gun into the electric vehicle
	After successfully logging in to the Wallbox, user can operate the Wallbox to charge electric vehicles, and also to check the charging information. There are shortcut buttons at the bottom of the UI to open other functions.
	1. Click ☰ on the top left corner to open the Wallbox history page, which user can connect and log in to Wallboxes they have connected before.
	2. Serial number of the Wallbox at the top of the UI: Click this item to name the Wallbox.
	3. The circle displays the status of the Wallbox in different colors and text. The blue circle and the icon of the handing charging gun indicate that the Wallbox is not currently plugged into an electric vehicle.
	4. The text displayed below the circle indicates that the current output of the Wallbox is set below the maximum output current.
	5. Energy: This displays the current electric energy for charging.
	6. Power: This displays the current power for charging.
	7. Duration: This displays the time elapsed during this charging. The time of temporarily stopping charging will not be added to the process.
	8. Click ⚙ to enter the Configuration page.
	9. Click 🏠 to enter the Home page.
	10. Click 📊 to enter the Charging history page.
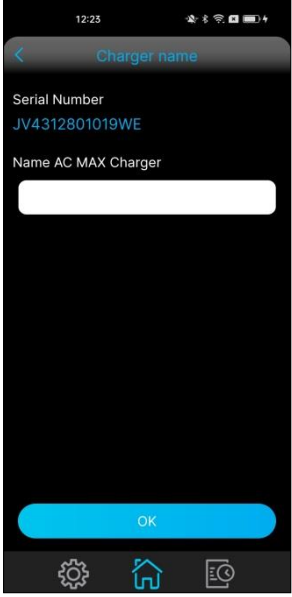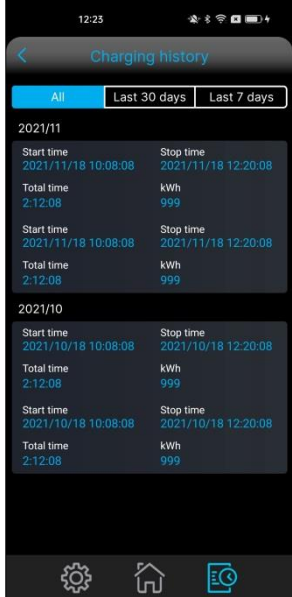
2	Home Page - Wait for APP verification in the remote-control mode
	1. The charging cable has been plugged into the electric vehicle and is waiting for APP verification to perform the charging procedure.
	2. Countdown: Set the countdown timer for utility power charging, and start charging with renewable energy after the countdown. This is only available for Basic-type Wallbox.
	3. REC switch: Turn on or off for charging using renewable energy. This is only available for Basic-type Wallbox.
	Note: The Countdown and REC switches displayed on the Basic-type Wallbox only

3	Basic-type Wallbox	Home page - Set the countdown function for charging with utility power, applicable only to a Basic-type Wallbox
		User can set the countdown timer for charging electric vehicles using the utility power in this page. The set information can be displayed in the Countdown on the Home Page.
		1. The "Hours" and "minutes" of the countdown can be set with the scroll wheel.
		2. Display the set time. If you agree, press "Yes", or press "No" to disagree.

4	Home Page - Wait for the electric vehicle to permit the charging in the remote-control mode
	1. The charging cable has been plugged into the electric vehicle, the APP verification has been completed and waits for the electric vehicle to allow charging.
	Note: The Countdown and REC switches displayed on the Basic-type Wallbox only

5	Home Page - Charging in the remote-control mode
	1. The Wallbox is charging, you can click the button with text on the screen to stop the charging.
	Note: The Countdown and REC switches displayed on the Basic-type Wallbox only
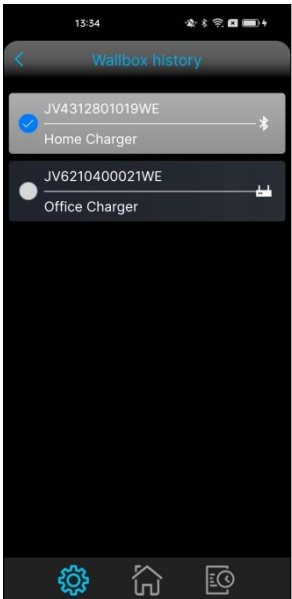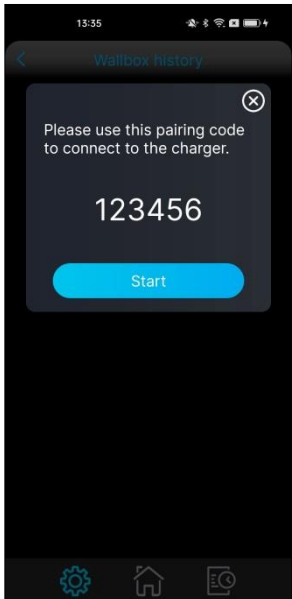
6	Home Page - Charging complete in the remote-control mode
	1. The electric vehicle judges that the charging has been completed and stops charging. Note: The Countdown and REC switches displayed on the Basic-type Wallbox only

7	Home Page - Wait for the electric vehicle to allow the charging or wait for the Key to verify
	1. The charging cable has been plugged into the electric vehicle, waiting for the Key to verify, or waiting for the electric vehicle to allow the charging. Note: The Countdown and REC switches displayed on the Basic-type Wallbox only

8	Home Page - Charging
	1. The Wallbox is in charging. Note: The Countdown and REC switches displayed on the Basic-type Wallbox only

9	Home Page - Charging completed
	1. The electric vehicle judges that the charging has been completed and stops charging. Note: The Countdown and REC switches displayed on the Basic-type Wallbox only

10	Home Page – Alarm
	When a Wallbox alarm occurs, the circle in the screen will alert user in yellow with the word "Alarm". A warning text in red will appear in the middle of the screen. User can click on the red box to check troubleshooting information. 1. In the Alarm state, a yellow circle and the word "Alarm" will be displayed on the screen as this picture. 2. Click on the contents of the red text box to check troubleshooting information. Note: The Countdown and REC switches displayed on the Basic-type Wallbox only.

11	Home Page - Alarm
	When a Wallbox alarm occurs, the circle in the screen will alert user in red with the word "Alarm". A warning text in red will appear in the middle of the screen. User can click on the red box to check any troubleshooting information. 1. In the Alarm state, a yellow circle and the word "Alarm" will be displayed on the screen as this picture. 2. Click on the contents of the red text box to check troubleshooting information.

12	Home Page – Alert Troubleshooting
	When an Alert occurs on the Home page, user can click the red test box to check troubleshooting message. 1. Troubleshooting content: User can follow the advice for troubleshooting. Click the < button to return to the previous page.

3.3. Charging history

1 	**Change Charger name** User can name their own Wallbox by clicking the SN (or the name of the named Wallbox) at the top of the Home page to access this page. 1. Name of the AC MAX Charger: you can enter the name of the Wallbox (maximum of 16 characters). The created Wallbox name will replace the SN in the Home page, and in the Wallbox history list. 2. Click the [OK] button to save the Wallbox name.
2 	**Charging history** Charging history of Wallbox. Record the start time, end time, charging duration, and energy consumption of each charging. 1. Click the at the bottom of the UI to enter this page. 2. Click the [All] button to display all the charging records of Wallbox. 3. Click the [Last30 days] button to display the charging history within the last 30 days of Wallbox. 4. Click the [Last7 days] button to display the charging history of the Wallbox within the last 7 days.

3.4. Wallbox history

1 	**Wallbox history** Display the Wallboxes that the APP has logged into. This page can be accessed by clicking the button on the upper left of the Scan QR Code page, or by clicking the button on the upper left of the Home page. Click the SN or Wallbox name of this UI to instantly connect to and log in to Wallbox. 1. A logged-in Wallbox is shown in gray, and has a checked icon on its left side. 2. Wallboxes that can be clicked are shown in a black background, and the icon on the left side is not checked. After clicking, if the Wallbox cannot be logged in, it will automatically connect back to the original connected Wallbox again.
2 Basic-type Wallbox	**Bluetooth paring code notification** The Basic-type Wallbox is connected through Bluetooth. When this APP connects to the Wallbox, Bluetooth pairing is required: 1. When connecting to the Wallbox which is not paired now through the Wallbox history, the APP will display Bluetooth pairing code, and user needs to enter this pairing code in the Bluetooth pairing code input box to complete the pairing. 2. Tap the [Start] button to start Bluetooth pairing. 3. If a Bluetooth pairing code is not required, click on the icon to close the window.

3 Basic-type Wallbox	Scan not found
	If the Wallbox cannot be connected, "Scan not found" will be displayed, and user can then follow the suggestions on the screen.

3.5. Configuration
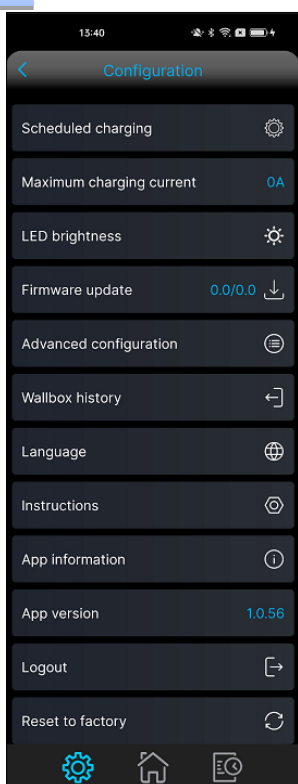
1	Configuration
	This page displays configuration items. Click the item on the screen to enter the setting page for each configuration.
	Click the ⚙ shortcut button to enter this page.
	1. Scheduled charging: Set when the Wallbox charges the EV.
	2. Maximum charging current: Set the maximum current output of the Wallbox when charging the electric vehicle.
	3. LED brightness: Set the brightness indicator of the Wallbox.
	4. Firmware update: The current firmware version of the Wallbox is displayed on the right side of this item. When the red "NEW" icon appears, a new firmware is available for update.
	5. Advanced configuration: Some advanced configutations can be entered from here. Password is needed to enter this page.
	6. Wallbox history: Display the Wallbox that this APP has logged in to, and through this page, user can quickly log in to Wallboxes.
	7. Language: Change the language of the APP.
	8. Instructions: Check the APP's operating manual.
	9. APP information: The APP's copyright, privacy policy, and other information.
	10. APP version: Display the APP's version information. Clicking on this item will not take you to any page.
	11. Logout: User can click on this item to log out the Wallbox.
	12. Reset to factory: Click this item when you want to reset the Wallbox.

3.6.   Scheduled charging
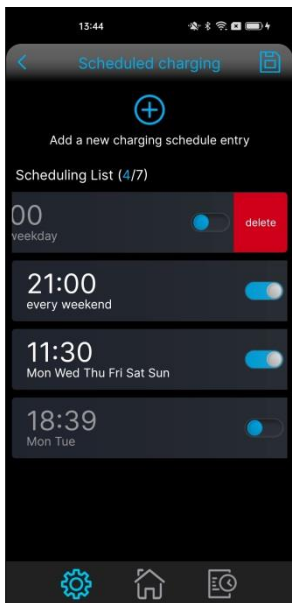
1 	Scheduled charging On the Configuration page, click "Scheduled charging" to add, modify, and delete schedules. After complete the setting, click the "<" icon to return to the previous page 1. Add schedule: Click ⊕ to add a new charging schedule, and the APP will open the setting page of a new charging schedule 2. Save Settings: When enable or disable the schedule, the upper right corner of the screen will display ▣. Click the icon to save the settings. 3. Delete Schedule: Press and hold the schedule you want to delete and swipe left. A delete button will appear on the right of the schedule item, and user may tap [delete] to delete the schedule. 4. Enable or disable schedule: Click the switch icon to switch the status of scheduling to enable ▭ or disable ▭. Click ▣ to make the setting effective. 5. Modify schedule: Each charging schedule will show the expected charging time, week, and whether it was enable. Click the text that shows the time or week, and the APP will open a page to maintain the charging schedule.
2 	Scheduled charging - New Schedule User can add Wallbox charging schedule on this page - up to 7 schedules can be set. After complete the setting, click the "<" icon in the upper left corner to return to the previous page. 1. Day(s): Click ">" to enter the selection page, user can decide the day(s) of the week to charge. 2. Start time: Click this section then a scroll UI will be shown in the bottom of the screen, user can set the start time of the charge. 3. Charging duration: User can decide whether to enable this setting. Click this section then a scroll UI will be shown in the bottom of the screen, user can set the length of time they want to charge. If disable [Charging duration], the App will not limit the charging time. 4. Time option in scroll UI: This allows user to set the start time or the length of time for charging. 5. Save Settings: Click ▣ on the upper right corner to save the charging schedule to Wallbox.
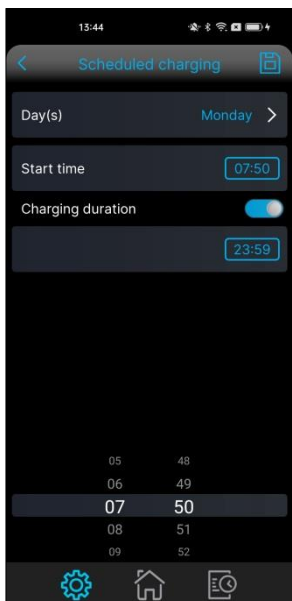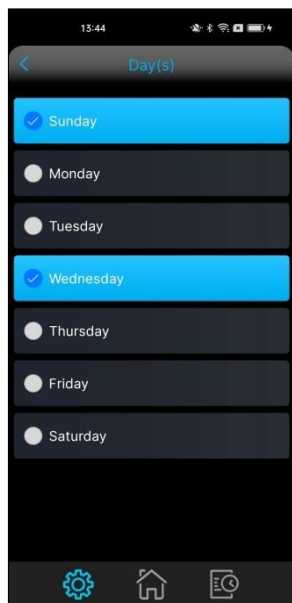
3	Scheduled charging - setup charging days
	1. User can select the charging date (Sunday ~ Saturday), then click the "<" icon in the upper left corner to return to the previous page.

3.7. Maximum charging current
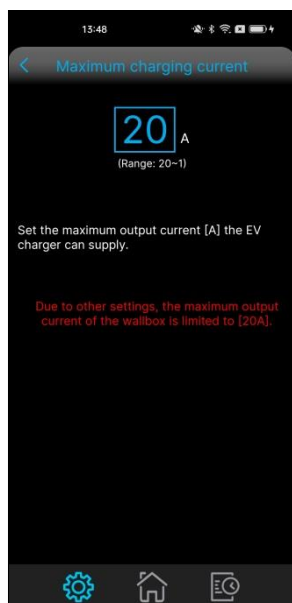
1	Maximum charging current
	Click "Maximum charging current" on the configuration page to enter this page.
	1. Set the maximum output current of the Wallbox: The current setting is displayed on the page, and user can also enter the current value in the input box.
	2. When the entered value exceeds the acceptable range, the APP will automatically adjust the value to conform to the acceptable range. After update the value, a save icon will appear in the upper right corner of the screen. Click it to set the maximum current output value to the Wallbox.
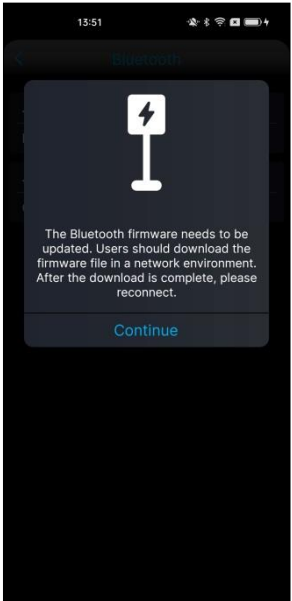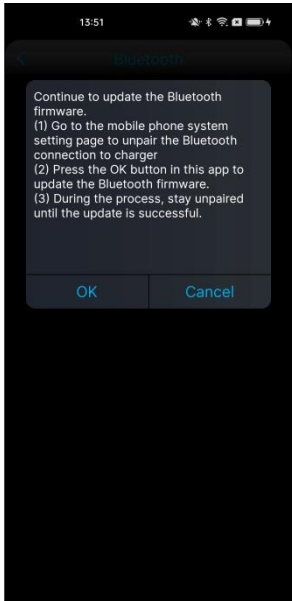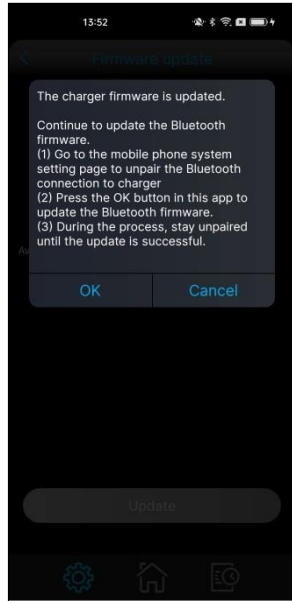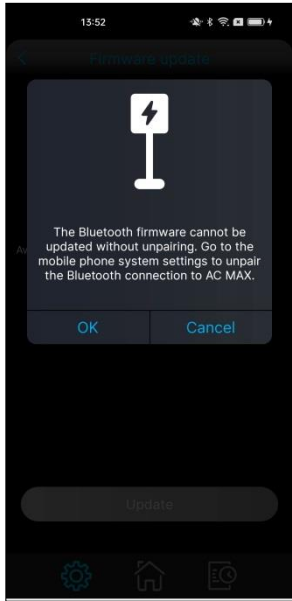
3.8. LED brightness

1 Android	LED Brightness 1. LED brightness setting: User can press and slide the circle icon to adjust the LED brightness of the Wallbox.
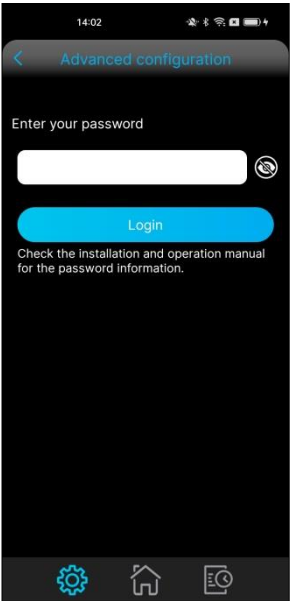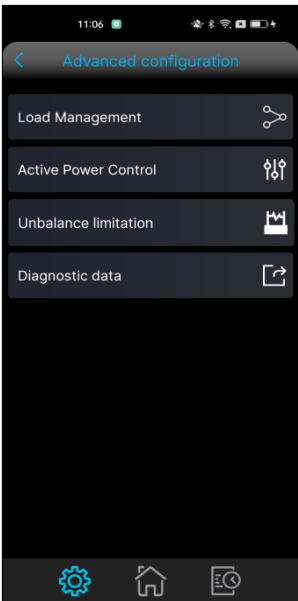
3.9. Firmware update

1 Basic-type Wallbox	Firmware update - Basic-type Wallbox Click "Firmware update" from the settings page to enter this page. (This page is the firmware update page when logging in to the Basic-type Wallbox) Currently firmware version of Wallbox and Bluetooth are displayed in blue text. And if there is new firmware available for update, it will display on the screen, and user can select it to update. When firmware updating, the Wallbox firmware will be updated first. After the Wallbox firmware updated, the APP will ask user whether to update the Bluetooth firmware if there is new Bluetooth firmware available. In the process of Bluetooth firmware update, user need to unpair the Bluetooth and keep the unpaired state until the Bluetooth firmware update completed. 1. Current Wallbox and Bluetooth firmware versions are displayed at the top of the UI in blue text. 2. Updatable Wallbox and Bluetooth firmware versions are displayed in the middle of the UI. 3. After user select the Wallbox and Bluetooth firmware version to be updated, click the [Update] button to update the firmware.

2 Basic-type Wallbox	Bluetooth device list - Bluetooth firmware update notification of Basic-type Wallbox
13:51 The Bluetooth firmware needs to be updated. Users should download the firmware file in a network environment. After the download is complete, please reconnect. Continue	1. When selecting Wallbox on the Bluetooth device list page, if user select a Wallbox with the word "OTA" for Bluetooth update failure, or select a Wallbox which it's Bluetooth firmware version is too old, the APP needs to update the Bluetooth firmware of the Wallbox first. When the APP has no firmware file and currently network environment cannot connect to Internet to download the firmware, the APP will remind user to go to the environment with a network. Press the button to download the firmware file, and then return to the Wallbox for firmware update.

3 Basic-type Wallbox	Bluetooth device list - Bluetooth firmware update notification of Basic-type Wallbox
13:51 Bluetooth Continue to update the Bluetooth firmware. (1) Go to the mobile phone system setting page to unpair the Bluetooth connection to charger (2) Press the OK button in this app to update the Bluetooth firmware. (3) During the process, stay unpaired until the update is successful. OK Cancel	1. Please follow the information on the screen to operate. 2. User will need to open the Bluetooth settings page of the phone to unpair the Bluetooth before updating the Bluetooth firmware, and need to keep the Bluetooth unpaired during the Bluetooth firmware update process.

4 Basic-type Wallbox	Firmware update - Bluetooth update notification of Basic-type Wallbox
13:52 Firmware update The charger firmware is updated. Continue to update the Bluetooth firmware. (1) Go to the mobile phone system setting page to unpair the Bluetooth connection to charger (2) Press the OK button in this app to update the Bluetooth firmware. (3) During the process, stay unpaired until the update is successful. OK Cancel Update	1. After the Basic-type Wallbox firmware update is completed, user can decide whether to update the Bluetooth firmware when a new version of Bluetooth firmware is available. 2. Please follow the information on the screen to operate. 3. User will need to open the Bluetooth settings page of the phone to unpair the Bluetooth before updating the Bluetooth firmware, and need to keep the Bluetooth unpaired during the Bluetooth firmware update process.

5 Basic-type Wallbox	Firmware update - Bluetooth update notification of Basic-type Wallbox
13:52 Firmware update The Bluetooth firmware cannot be updated without unpairing. Go to the mobile phone system settings to unpair the Bluetooth connection to AC MAX. OK Cancel Update	1. During the Bluetooth firmware update, the Basic-type Wallbox must keep Bluetooth unpaired. If the Bluetooth firmware is not unpaired during the update, a message will appear on the screen. Please open the Bluetooth setting page on your phone to check whether the Bluetooth has been unpaired. After it has been unpaired, please return to the APP to continue the Bluetooth firmware update.

8	Basic-type Wallbox	Firmware update - Basic-type Wallbox
		1. After Wallbox is successfully updated, the APP will display this screen as a notification.

3.10. Advanced configuration

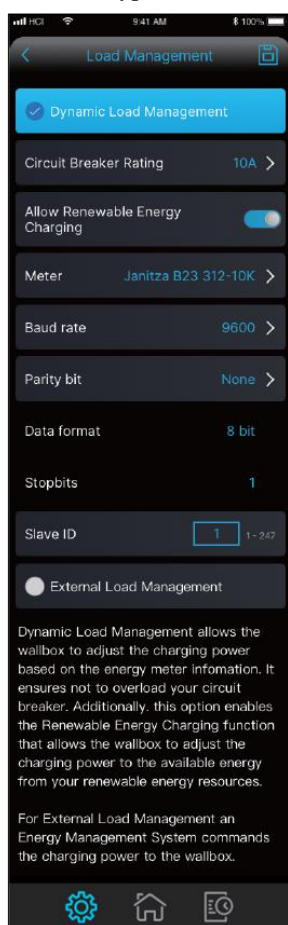| 1	Advanced configuration - Enter password	2	Basic-type Wallbox	Advanced configuration - Basic-type Wallbox
	1. Enter the correct Password. 2. Click ⊘ to display the password. 3. Click Login, if the password is correct, the Advanced Configuration page will be displayed. Note: Password is [0000].			1. Load Management: The power load mode of the Wallbox can be set and the meter can be selected. 2. Active Power Control: Set the increment of the power output. 3. Unbalance limitation: Set the maximum current difference between phases according to the actual power grid condition. Please note that this setting is only available for European Wallbox. 4. Diagnostic data: You can check and share Wallbox diagnostic information with relevant personnel. Login to Wallbox for further troubleshooting content.

| 3 Smart-type Wallbox	Advanced configuration - Smart-type Wallbox
 14:02 **< Advanced configuration** Modbus setting Active Power Control Unbalance limitation Operation Network setting Diagnostic data 	1. Modbus setting: Display the contents set by the meter. 2. Active Power Control: Set the increment of the power output. 3. Unbalance limitation: Set the maximum current difference between phases according to the actual power grid condition. Please note that this setting is only available for European Wallbox. 4. Operation: Set if the Wallbox is Local operation or Backend management. 5. Network setting: Cellular, Wi-Fi, and Ethernet can be used to connect to the Wallbox. 6. Diagnostic data: Diagnostic information which can check and share with the relevant personnel.

3.11. Load Management

1 Basic-type Wallbox	Load Management (Dynamic) - Basic-type Wallbox
 9:41 AM **< Load Management** Dynamic Load Management Circuit Breaker Rating 10A > Allow Renewable Energy Charging Meter Janitza B23 312-10K > Baud rate 9600 > Parity bit None > Data format 8 bit Stopbits 1 Slave ID 1 1~247 External Load Management Dynamic Load Management allows the wallbox to adjust the charging power based on the energy meter infomation. It ensures not to overload your circuit breaker. Additionally, this option enables the Renewable Energy Charging function that allows the wallbox to adjust the charging power to the available energy from your renewable energy resources. For External Load Management an Energy Management System commands the charging power to the wallbox. 	There are two methods to set the load management mode: Dynamic Load Management and External Load Management. This page is for Dynamic Load Management. Dynamic Load Management: Set this to ensure that you do not overload your circuit breaker, and that you can charge your electric vehicle using renewable energy. 1. Circuit Breaker Rating: Set the circuit breaker to enable or disable. If the circuit breaker is set to enable, the maximum output current value can be set. 2. Allow Renewable Energy Charging: Set whether to use renewable energy to charge electric vehicles. When it is set to enable, the switch to charge with green electricity will be displayed on the Home Page, the countdown time will be set, and renewable energy will be used to charge the electric vehicle after the countdown is zero. (please refer to the Home Page) 3. Meter: Set the manufacturer and model of the meter. After the meter is selected, the corresponding default Baud rate, Parity bit, Data format, Stop bits, and Slave ID will be displayed. However, the Baud rate, Parity bit, and Slave ID can still be adjusted to the actual situation. 4. Baud rate: Display the current Baud rate set value. You can click to set other values. 5. Parity bit: Display the current Parity bit setting value. You can click to set other values. 6. Slave ID: Display the set value of the current Slave ID. You can click to set other values. If the set value exceeds the acceptable range, the APP will automatically adjust the value to conform to the acceptable range. 7. Save Settings: Click the Save icon in the upper right corner to save the setting.
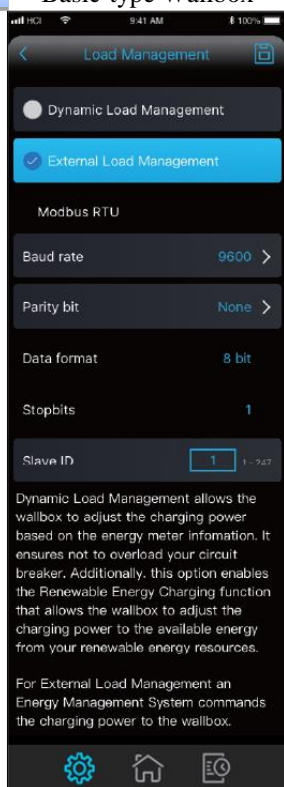
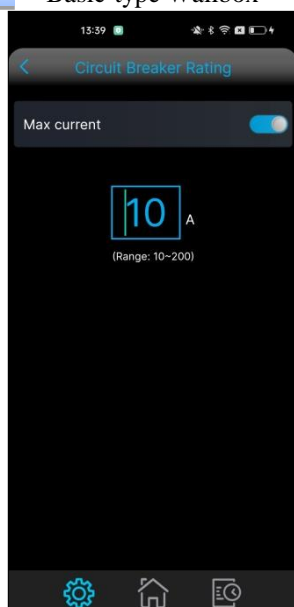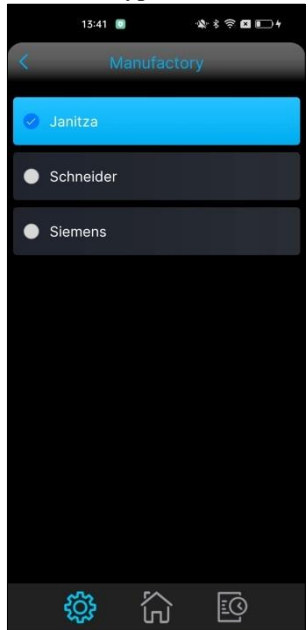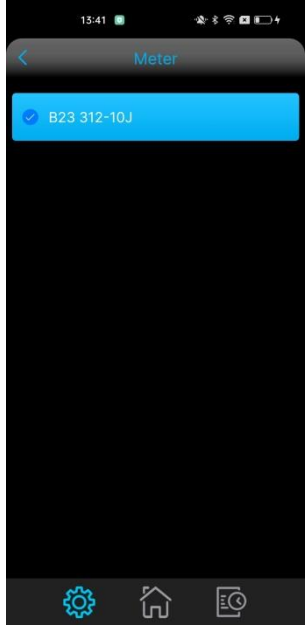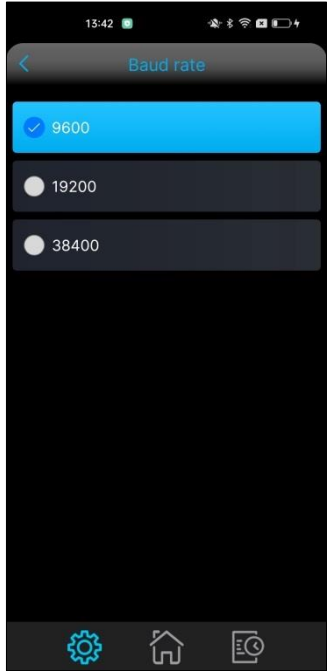| 2	Basic-type Wallbox	Load Management (External) - Basic-type Wallbox
		There are two methods to set the load management mode: Dynamic Load Management and External Load Management. This page is for External Load Management. External Load Management: Setting this item allows the energy management system to control the charging power of the Wallbox, and the corresponding default Baud rate, Parity bit, Data format, Stop bits, and Slave ID will be displayed. However, the Baud rate, Parity bit, and Slave ID value can be adjusted to the actual situation. 1. Baud rate: Display the current Baud rate setting value. You can click to set other values. 2. 3. Parity bit: Display the current Parity bit setting value. You can click to set other values. 3. Slave ID: Display the set value of the current Slave ID. You can click to set other values. If the set value exceeds the acceptable range, the APP will automatically adjust the value to conform to the acceptable range. 4. Save Settings: Click the Save icon in the upper right corner to save the setting.
3	Basic-type Wallbox	Load Management (Dynamic) - Basic-type Wallbox
		Set Circuit Breaking Rating for Dynamic Load Management: 1. Max current: the setting of the maximum current can be turned on or off. If it is turned on, the setting value of the maximum output current will be displayed and you can enter a value. If it is off, the setting of the maximum output current will be hidden. 2. Set the maximum output current: You can enter the value of the maximum output current, and if it exceeds the acceptable range, the APP will automatically adjust the value to conform to the acceptable range.
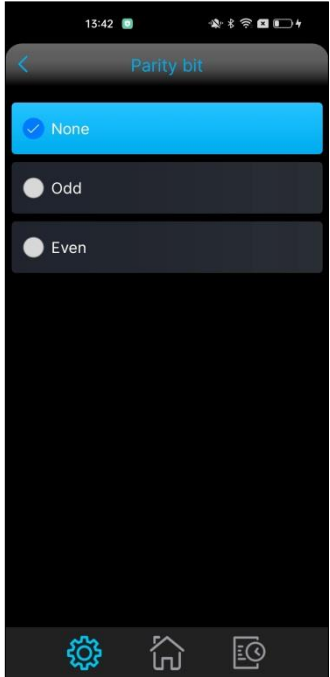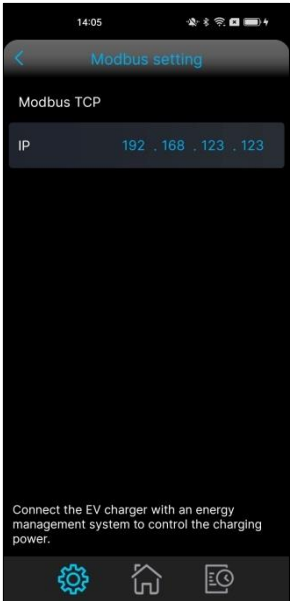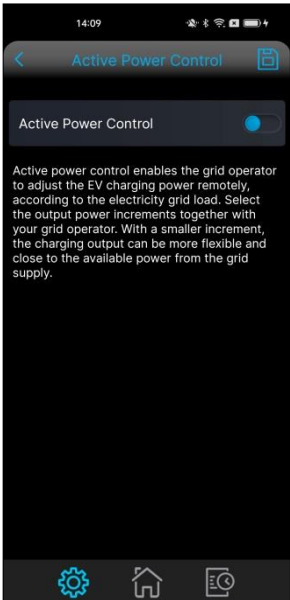
4 Basic-type Wallbox	Load Management (Dynamic) - Basic-type Wallbox
	1. Set the meter manufacturer for Dynamic Load Management: This page displays the option for the meter manufacturer to select. After you select the manufacturer, you will enter the next page to select a metered model applicable to the manufacturer.

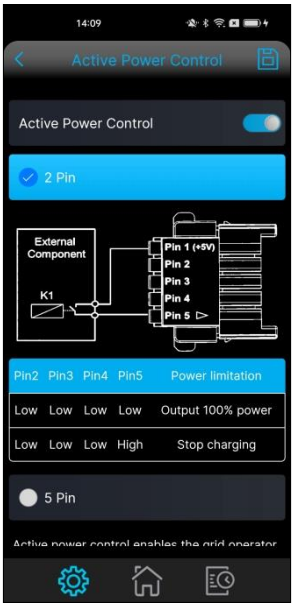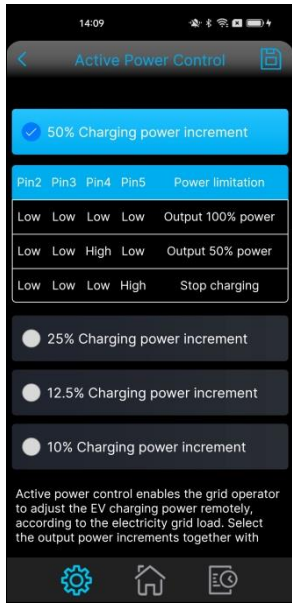| 5 Basic-type Wallbox	Load Management (Dynamic) - Basic-type Wallbox
	1. Set the meter model of Dynamic Load Management: This page displays the option for the meter model to select. After you select the meter, you will return to the Load Management page.

6 Basic-type Wallbox	Load Management - Basic-type Wallbox Baud rate
	1. To set the Baud rate of the Basic-type Wallbox Modbus, user can check the items and click the "<" icon in the upper left corner of the screen to return to the Modbus setting page.

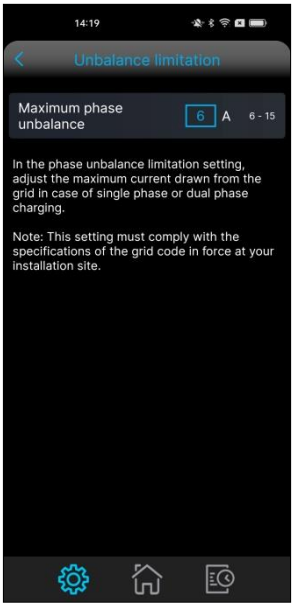| 7 Basic-type Wallbox	Modbus setting - Basic-type Wallbox Parity bit
	1. To set the Parity bit of the Basic-type Wallbox Modbus, user can check the item and click the "<" icon in the upper left corner of the screen to return to the Modbus setting page.

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3.12. Modbus setting

	Modbus setting - Smart-type Wallbox
1 Smart-type Wallbox 14:05 ‹ Modbus setting Modbus TCP IP 192 . 168 . 123 . 123 Connect the EV charger with an energy management system to control the charging power. ⚙ ⌂ ▤	User cannot edit the content in the Smart-type Wallbox Modbus TCP IP.

3.13. Active Power Control
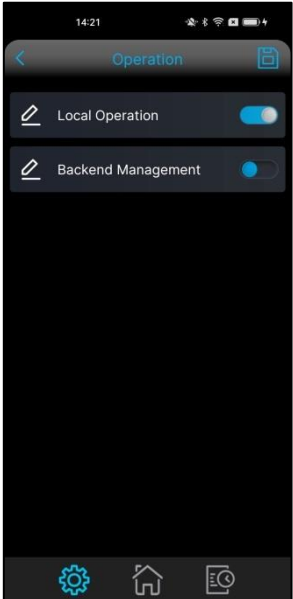
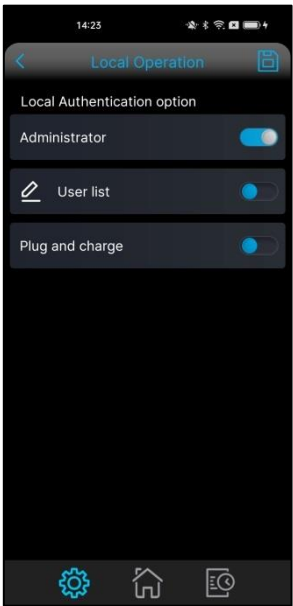|	Active Power Control
1 14:09 ‹ Active Power Control 💾 Active Power Control ● Active power control enables the grid operator to adjust the EV charging power remotely, according to the electricity grid load. Select the output power increments together with your grid operator. With a smaller increment, the charging output can be more flexible and close to the available power from the grid supply. ⚙ ⌂ ▤	1. After the Active Power Control is enabled, related settings will display in the screen. 2. If the Active Power Control is disabled, related settings are not required. 3. Once the Active Power Control content is set, click the Save icon to save the setting.

2		Active Power Control 1. Enable the Active Power Control 2. For example, you can select 2 Ping to display the diagram and power limits.	
3		Active Power Control 1. Enable the Active Power Control 2. If you select 5 Pin, for example, you can select the 50% Charging power increment to display the diagram and power limits. 3. User can choose one from multiple power increments. Note: The smaller increment makes the charging output more flexible, and also make it closer to the available power of the grid.	

3.14.   Unbalance limitation

1	Unbalance limitation - European Wallbox The Unbalance limitation page can set the maximum current drawn from the grid. From the advanced Settings page, click "Unbalance limitation" to access this page. 1. The input box can set the current value of the maximum phase imbalance, and user can also enter the current value. When the entered value exceeds the acceptable range, the APP will automatically adjust the value to conform to the acceptable range.

3.15. Operation

1 	Operation - Smart-type Wallbox On the setting page, click "Operation" to set whether the Wallbox operate with Local Operation or Backend management. 1. Local Operation: Wallbox controls whether the user has the permission to charge. Click to enter the Local Operation setting page. 2. Backend Management: The remote server controls whether the user has the permission to charge. Click to enter the Backend Management setting page 3. Only one Operation can be selected. After setting, click the Save icon to save the setting.

3.16. Local Operation

1 Smart-type Wallbox 	Local Operation - Smart-type Wallbox The following three modes of Authentication are available: 1. Administrator: Only administrators who log in to Wallbox using the APP are allowed to charge. 2. User list: User list management, click to enter the setting page. 3. Plug and charge: Charge as you plug in. Note: Only one Authentication can be selected. After setting, click the Save icon to save the setting.

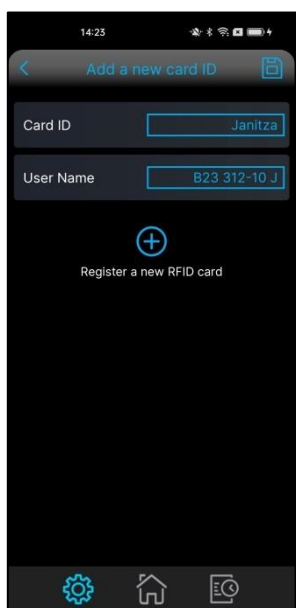| 2 Smart-type Wallbox	User list - Smart-type Wallbox
	Set the Wallbox user list. After completing the setting, you can click the "<" icon in the upper left corner to return to the previous page. 1. Add user: If you want to add Wallbox user, you can click ⊕, and the APP will open the setting page for adding Wallbox user. 2. Save settings: When enable or disable the user permission, the save icon will appear in the upper right corner of the screen. After clicking the icon, the APP will display a confirmation dialog box to save the setting. 3. Delete user: Hold down the username you want to delete and swipe left. A Delete button will appear on the right side of the item. Click to delete the user. 4. Enable or disable user permissions: Click ⬤ to switch the user's permissions to enable or disable. After setting, click the Save icon to save the setting. 5. Modify user: Clicking on the username will open the Wallbox user maintenance page, and you can modify the user's card ID and username. Note: The maximum number of user is 20.
3 Smart-type Wallbox	Add a new card ID - Smart-type Wallbox
	You can add RFID cards for Wallbox user and set corresponding usernames. 1. Card ID: Please enter RFID card ID. 2. Username: Please enter username. 3. After complete above 2 items, please click the Save icon to save the setting. 4. To set the Wallbox user continuously, after enter the card ID and username, you can click ⊕ first to save this new card into the Wallbox. And then a new input UI will be displayed for user to enter another new card ID and username.
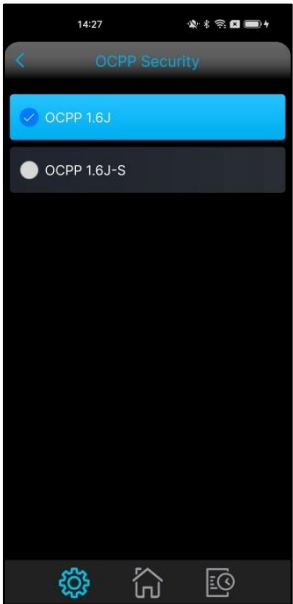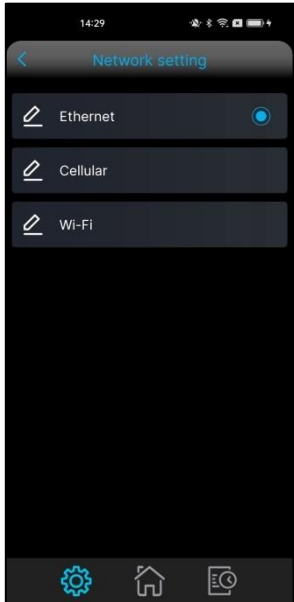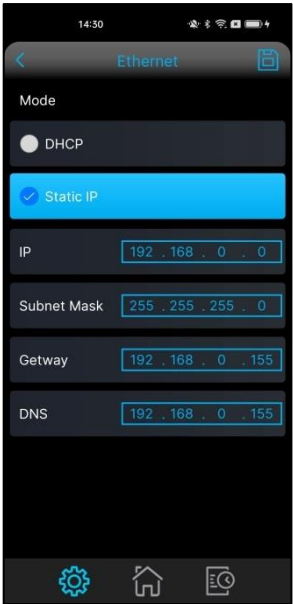
4 Smart-type Wallbox [Screenshot: Modify card ID page showing Card ID "Janitza" and User Name "B23 312-10 J"]	Modify card ID - Smart-type Wallbox This page can maintain the RFID card of Wallbox user. 1. Card ID: Please enter RFID card ID. 2. Username: Please enter username. 3. After complete above 2 items, please click the Save icon to save the setting.

3.17. Backend Management

1 Smart-type Wallbox [Screenshot: Backend Management page showing OCPP Server URL, Charge Box ID fields, note "These characters include digits (0-9), letters(A-Z, a-z), and a few special characters ("-" , ":" , "_" , "~").", OCPP Security OCPP 1.6J-S, Offline authentication options: Plug and charge (selected), Member card authentication, No service]	Backend Management – Smart-type Wallbox Set the connection settings between the Wallbox and the remote backend server. 1. OCPP Server URL: Please enter the OCPP Server URL to connect. 2. Charge Box ID: Please enter the SN as the Charge Box ID of the Wallbox. 3. Click the ">" icon to enter the OCPP security page for settings. 4. When Wallbox disconnected from backend server, there are three options for Wallbox charging management can be set: (1) Plug and charge, (2) Member card authentication, and (3) No charging service is provided. 5. After complete above settings, click the Save icon to save the setting.

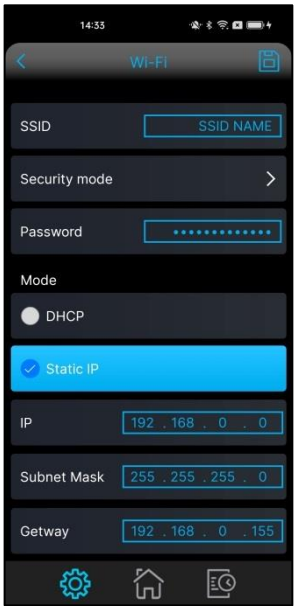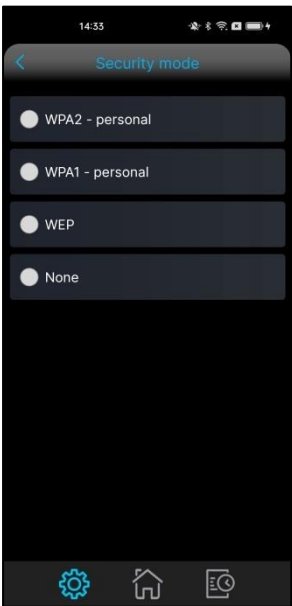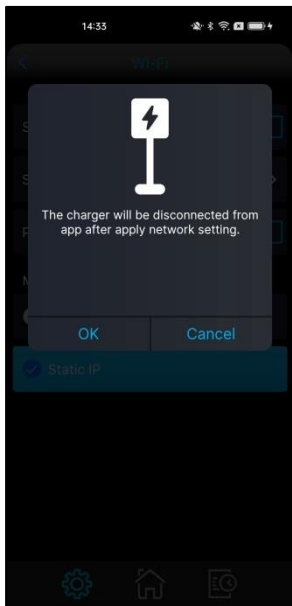|	
2 Smart-type Wallbox	Backend Management-OCPP Security - Smart-type Wallbox Set the security mechanism for connecting to the background management server. 1. OCPP 1.6J security mechanism can be selected. 2. OCPP 1.6J -S security mechanism can be selected 3. Only one security mechanism can be selected. After setting, click the Save icon to save the setting.

3.18. Network setting

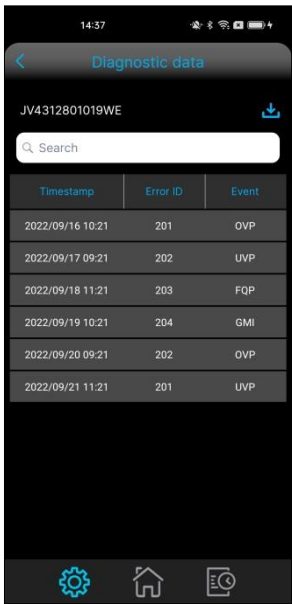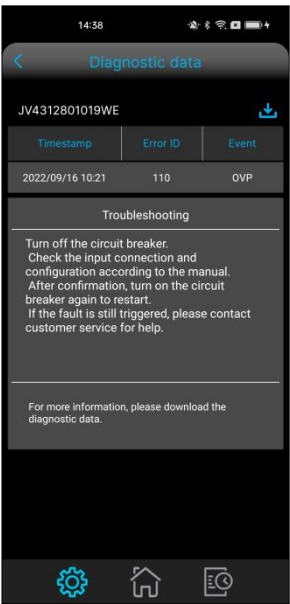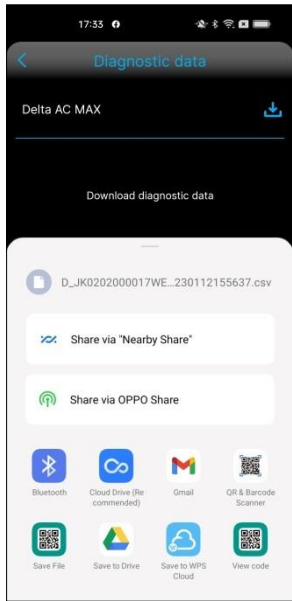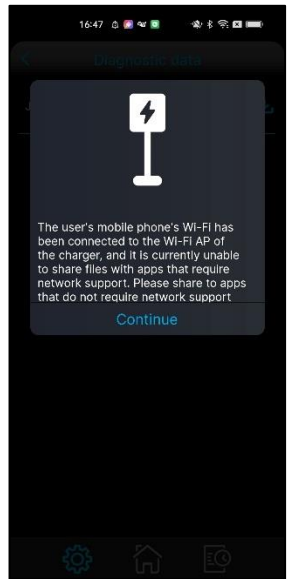|	
1 Android	Network setting - Smart-type Wallbox Set the network mode for the Wallbox. 1. Ethernet: Set the connection mode to Ethernet. Click to open the maintenance page. Make sure the Wallbox is connected to the network cable first. 2. Cellular: Set the connection mode as Cellular. Click to open the maintenance page. Please make sure that the Wallbox has inserted a SIM card. 3. Wi-Fi: Set the connection mode to Wi-Fi. Click to open the maintenance page. 4. Only one setting can be selected. The blue dot represents currently setting. 5. The setting depending on the last item selected by the user. Note: When any of the network settings are completed and the network is successfully connected, the Wallbox will turn off its Wi-Fi AP function, and the connection between the APP and the Wallbox will be disconnected.

3.19. Ethernet

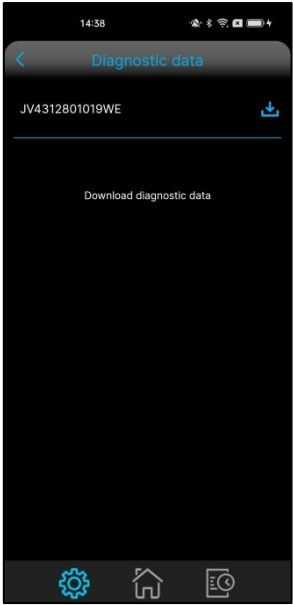|	
1 Smart-type Wallbox	**Ethernet - Smart-type Wallbox**
	1. DHCP: The connection is set by assigning an IP address to the Wallbox through the connected network device.
	2. Static IP: User need to set the Wallbox-related network settings, including (1) IP, (2) Subnet Mask (3) Gateway, and (4) DNS.
	3. After setting complete, click the save icon to save the setting.

3.20. Cellular

1 Smart-type Wallbox	**Cellular - Smart-type Wallbox**
	Connect to the Cellular Network settings page
	1. APN: Please enter an access point name.
	2. Username: Please enter username.
	3. Password: Please enter password.
	4. After setting complete, click the save icon to save the setting.

3.21. Wi-Fi

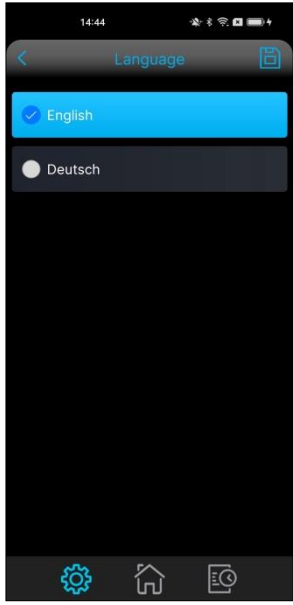|	
1 Smart-type Wallbox	**Wi-Fi - Smart-type Wallbox** 1. SSID: Set the Wi-Fi SSID for connection. 2. Security mode: click > Icon to enter the setting page. 3. Password: Enter Wi-Fi password. 4. There are two options for the IP setting, including DHCP and Static IP. 5. DHCP: The connection is set by assigning an IP address to the Wallbox through the connected network device. 6. Static IP: User need to set Wallbox-related network settings, including (1) IP (2) Subnetwork Mask (3) Gateway, and (4) DNS. 7. After setting complete, click the save icon to save the setting.

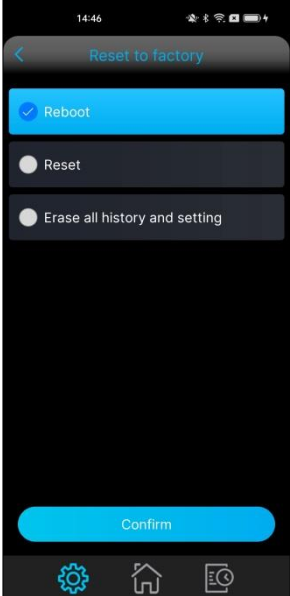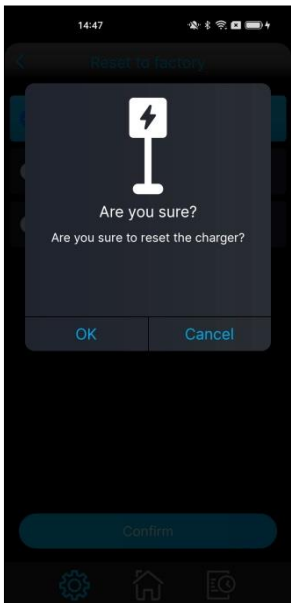|			
2 Smart-type Wallbox	**Security mode - Smart-type Wallbox** 1. Select the Wi-Fi security mode for connection. 2. After setting, click the "<" icon to return to the Wi-Fi setting page.	**3** Smart-type Wallbox	**Wallbox Wi-Fi AP interrupt alarm - Smart-type Wallbox** 1. When any network settings are completed and the network is successfully connected, the Wallbox will turn off the Wi-Fi AP function, and the connection between the APP and Wallbox will be disconnected. The APP will display this screen in advance to info user the status.

3.22. Diagnostic Data

1 Smart-type Wallbox	**Diagnostic Data - Basic-type Wallbox** Basic-type Wallbox diagnostic data page. Click "Diagnostic Data" from the advanced settings page to enter this page, which displays the time of the event and the corresponding error code. 1. You can enter text to query the error event information. 2. You can click the diagnostic data displayed to check troubleshooting information. 3. Click on the download icon ⬇ to share it with relevant personnel through the mobile APP.	**2** Basic-type Wallbox	**Diagnostic Data-troubleshooting - Basic-type Wallbox** 1. When user click on an event in the Basic-type Wallbox diagnostic data page, troubleshooting suggestions for that event will be displayed.
3	**Diagnostic Data - share download data** 1. After click the download icon in the upper right corner of the diagnostic data page, the APP can share the data with relevant personnel.	**4**	**Diagnostic Data - Smart-type Wallbox** Smart-type Wallbox diagnostic data page. Click "Diagnostic Data" from the advanced settings page to enter this page. As the mobile phone uses Wi-Fi to connect to the Smart-type Wallbox, it's impossible to use Wi-Fi to connect to the Internet and share files to an APP with network support. You can share files to an APP without network support first (such as file management application), and then use the APP to share the files. Press "Continue" to turn off the notification and continue the operation. Note: iOS phones may display a dialog box indicating that the Wi-Fi network is not connected to the Internet and asking user if they want to temporarily use mobile data. At this point, user can choose using mobile data to share files via Internet.

3	Smart-type Wallbox	Diagnostic Data - Smart-type
		1. Click the download icon to share diagnostic data with relevant personnel through the mobile APP. Note: If the Wallbox connected to this APP is a Smart-type Wallbox, the phone uses the Wi-Fi to connect to the Wallbox Wi-Fi AP that has no Internet service. Therefore, when you select the APP that you want to upload the files to, please select an APP that does not need external network services at the moment (such as file management application), and then open the APP to share the files when there is a network available.

3.23. Language

1	Language
	APP language setting page. Click "Language" from the settings page to enter this page. 1. You can check the language you want to use on the page. 2. Select the language you want to use and click the Save icon to save the setting.

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3.24. Reset to factory

1	Reset to factory	2	Reset to factory notification
	To reset the Wallbox screen, click "Reset to factory" on the settings page to access this page. 1. Reboot: Restart the Wallbox. 2. Reset: Clear "charging schedule, maximum current output, LED brightness setting, Modbus meter setting, Active Power Control, Unbalance limitation, Operation, Networking setting, Backend management" and restart the Wallbox. 3. Erase all history and setting: Clear all the settings and restart the Wallbox. 4. After select one of above items, click the [Confirm] button to start the Wallbox reset process.		Before resetting the Wallbox, the APP will ask user if they want to confirm the reset. When you press the "OK" button, the Wallbox will start the resetting process and the APP will log out of the Wallbox.

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