

Wall Box — APP Function Manual



V1.2.4

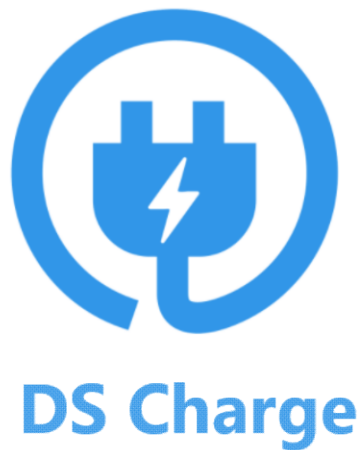
Attention: the documentation is only applicable for the wallbox version which has the OCPP and Normal APP function and switch freely .

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1 Download and install

Android phone users can search and install “DS charge” through Google play. Iphone users can search and install “DS charge” through the APP store.



IOS APP



Android APP

Note: All APP functions require charging station to be connected to the router and connected to the Internet.


2 Register

When the user first visits, the user registration is performed by the following steps.

The image displays two side-by-side screenshots of the DS Charge APP interface, separated by a vertical line. The left screenshot shows the 'Login' screen, which features a blue circular icon with a white plug and lightning bolt at the top. Below the icon are two input fields: 'Enter email address' and 'Enter password'. A 'Login' button is positioned below these fields. To the left of the 'Login' button is a grey circular button with a white left-pointing arrow. Below the 'Login' button is a link that reads 'No account yet? Go [Register](#)', where the word 'Register' is highlighted with a red rectangular box. A 'Forget password?' link is located to the right of the password input field. The right screenshot shows the 'Register' screen, which has the title 'Register' at the top. It contains three input fields: 'Enter email address', 'Enter password', and 'Enter password again'. A blue 'Register' button is located below these fields. At the bottom of the screen is a link that reads 'Have account? Go [Login](#)'.

Users will then receive an email to activate their account.

3 Login APP



Enter email address

Enter password

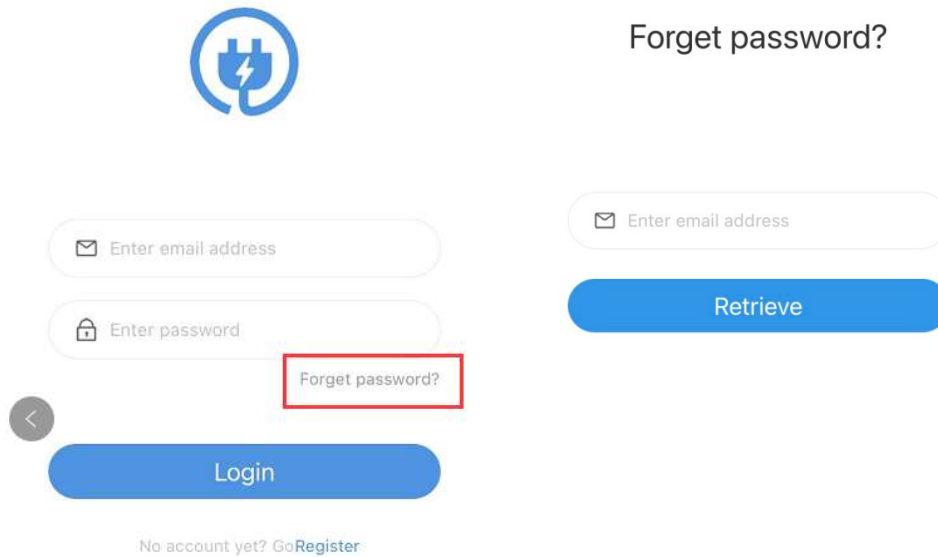
[Forget password?](#)

Login

No account yet? [GoRegister](#)

Please use your account and password to log in.

4 Forget password

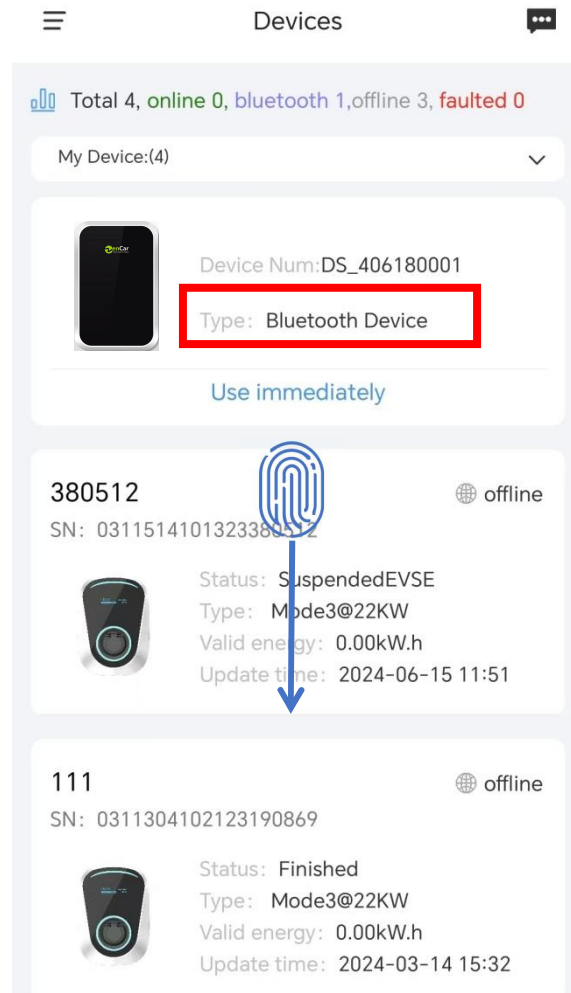


The image shows two screens of the DS Charge APP. The left screen is the login page, featuring a blue circular icon with a white plug and lightning bolt at the top. Below it are two input fields: 'Enter email address' and 'Enter password'. A red rectangular box highlights the 'Forget password?' link located to the right of the password field. Below the input fields is a blue 'Login' button and a link that says 'No account yet? GoRegister'. The right screen is titled 'Forget password?' and features a single input field for 'Enter email address' and a blue 'Retrieve' button below it.

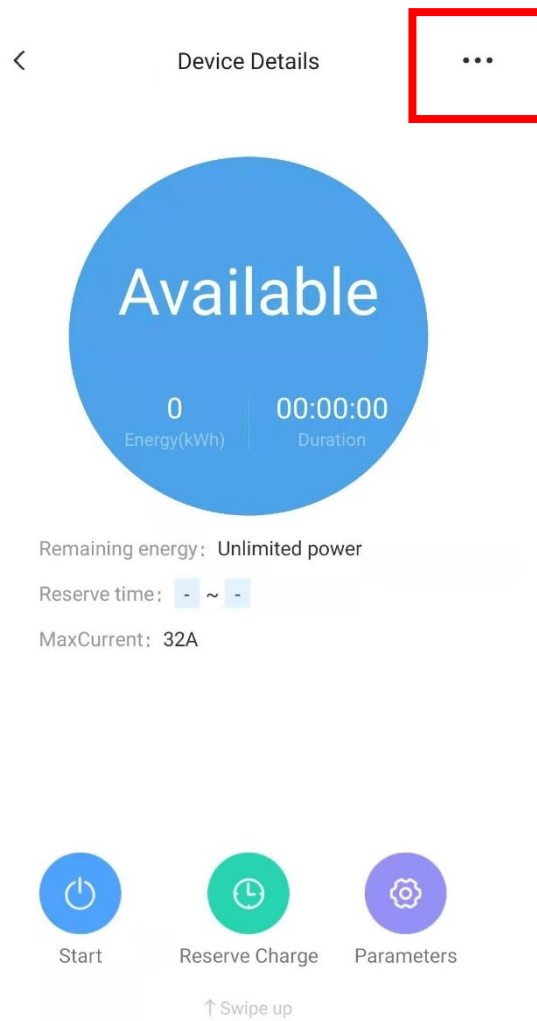
Press “Forget password”, and then you will receive an email to change your password.

5 Add charging station

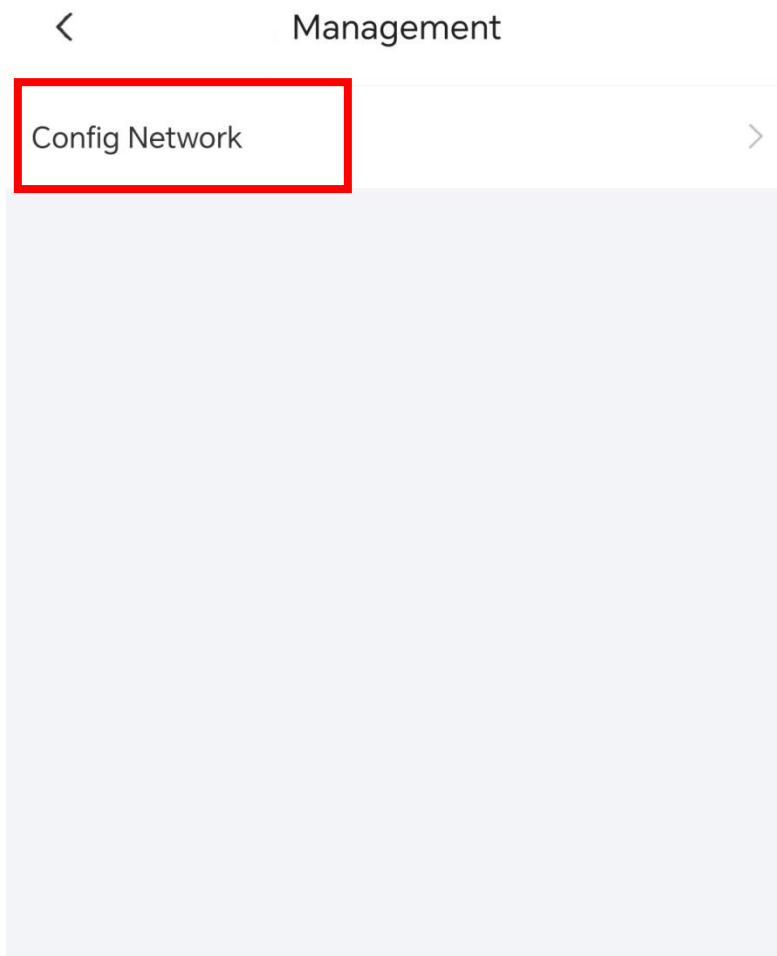
5.1 Add charging station via Bluetooth(recommended)



Pull down and refresh to appear Bluetooth devices



Click into the device and select the top right corner



Select 'Configure Network '

1 Select the SSID of the router.

2 Enter your WiFi connection password.

3 Select the WebSocket connection.

4 Select ws or wss connection mode, And enter OCPP URL,

The default: *cpam3.x-cheng.com:443/ocpp*

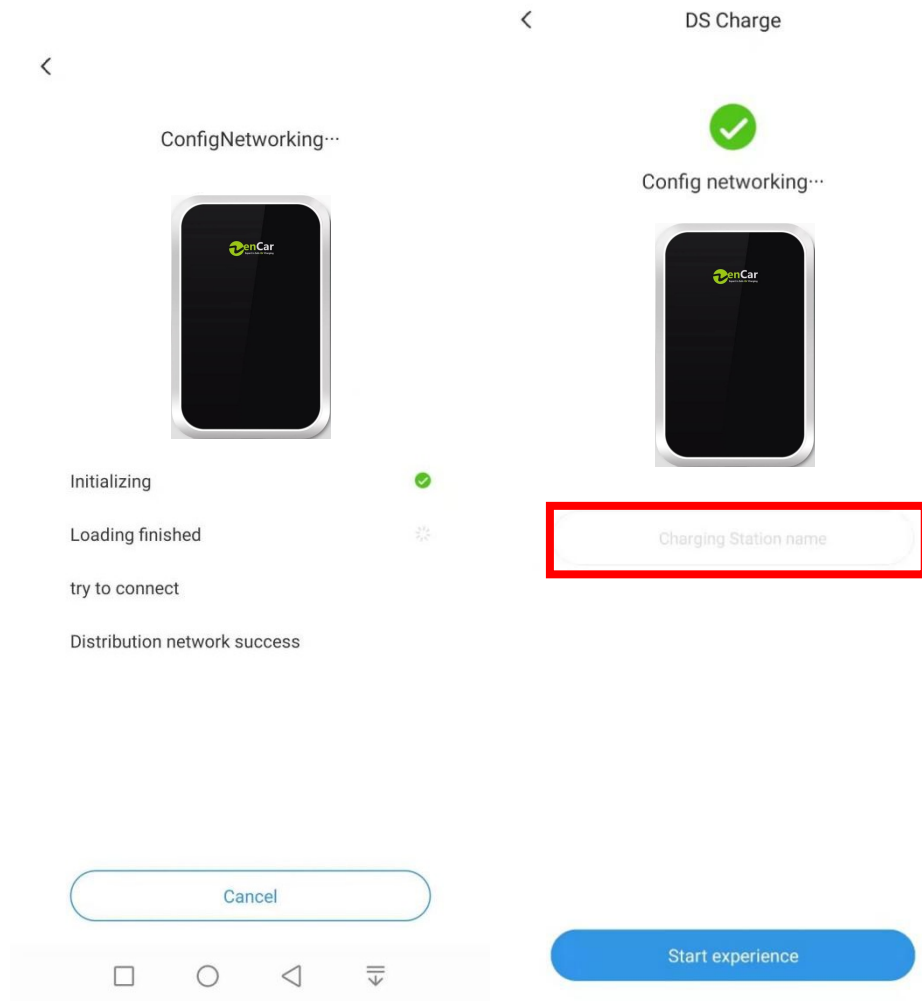
If connected to other OCPP platform, Please refer to the format

below: *{IP Address or domain name}:{Port}/{path}*

The URL given by the platform may not have a port number, please

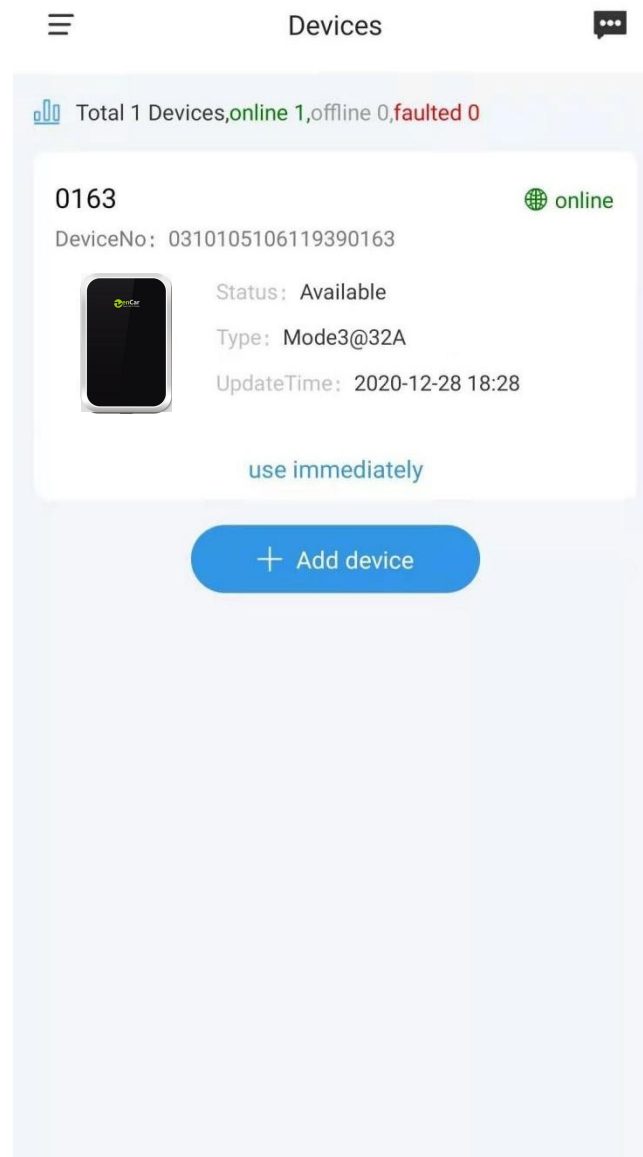
fill in the port number in the example. The default encrypted

connection is 443, Unencrypted connection is 80.



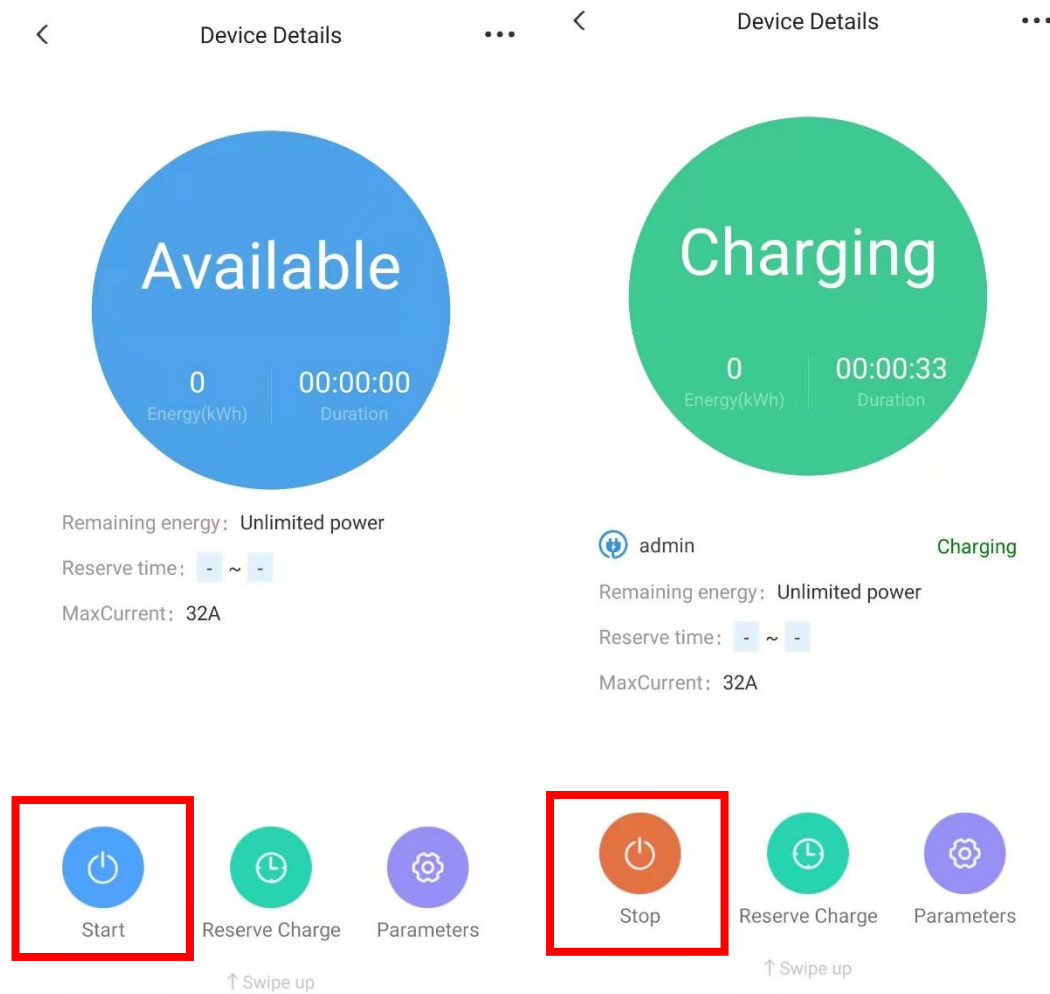
It will take about 2 minutes to configure the network. After success, name the charging station.

6 List of charging station



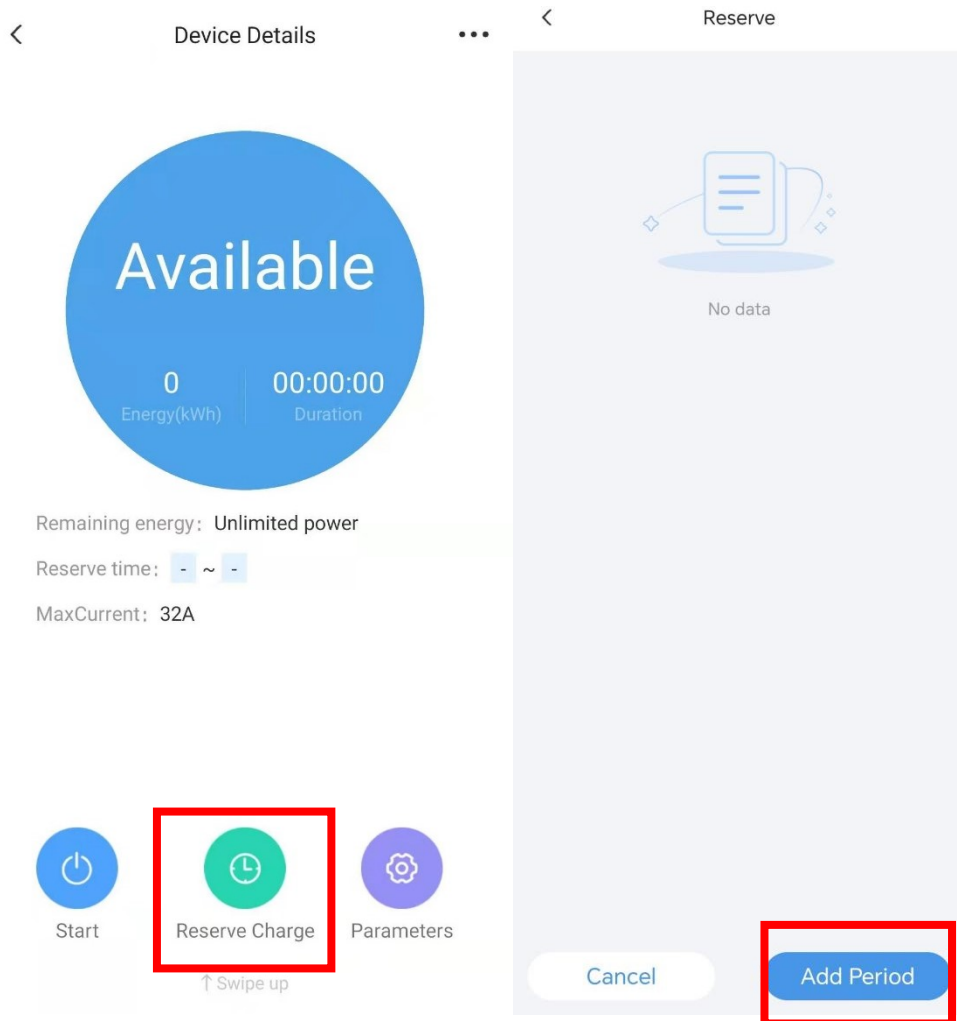
Successful charging station will appear in this area.

7 Start and stop charging

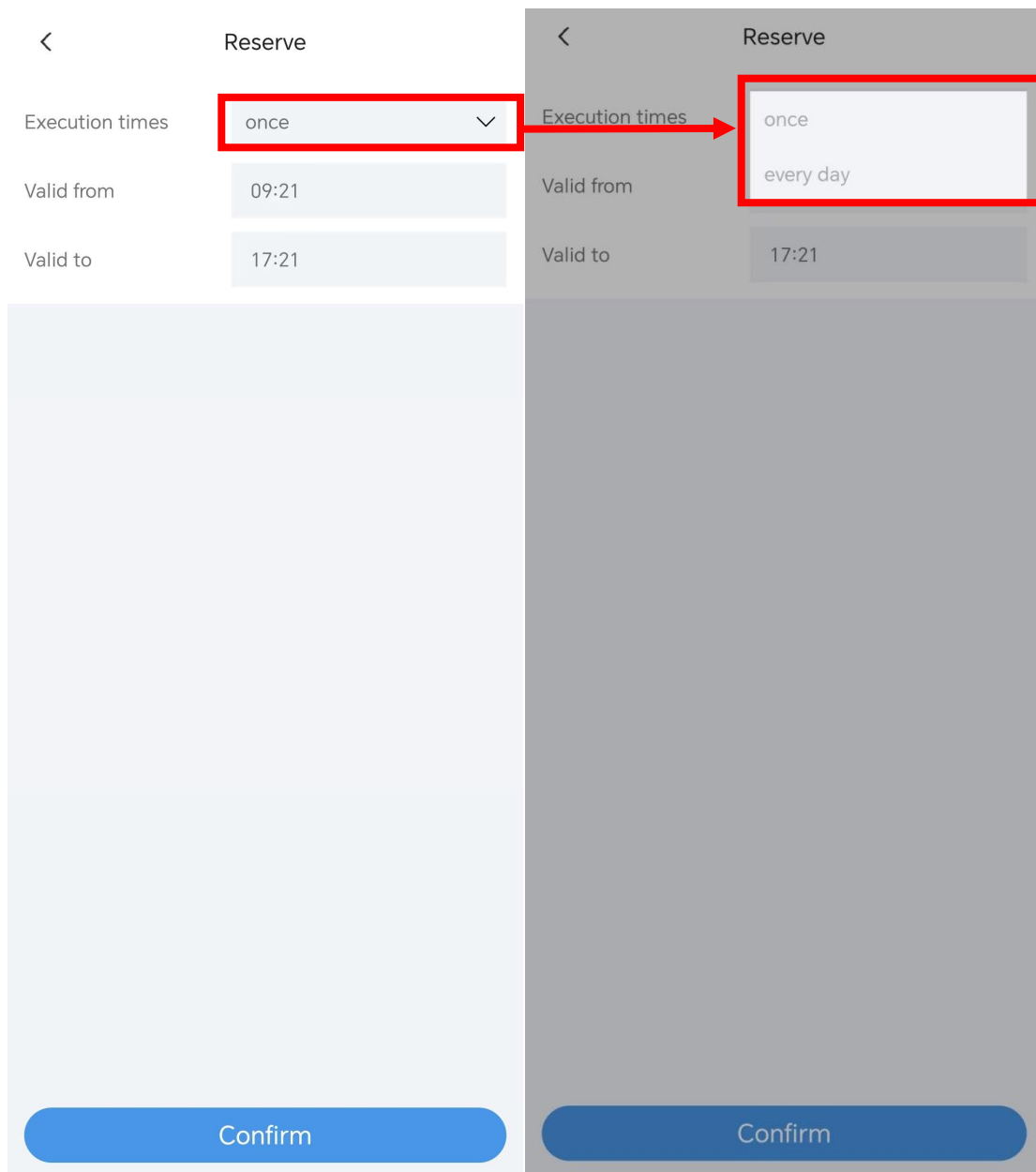


You can use the APP to start and stop charging remotely.

8 Reserve charge



Press “Reserve Charge” into reserve charging list page, And press “Add Period” to add new reserve charge schedule.



Setting reserve charge once or cycle.

The image displays two side-by-side screenshots of the 'Reserve' screen in the DS Charge APP. Both screens show a form for setting a charging schedule. The left screen has the 'Execution times' dropdown set to 'once'. The 'Valid from' field is set to '09:21' and the 'Valid to' field is set to '17:21'. The right screen shows the time range '09:21 ~ 00:01' and the frequency 'once'. A toggle switch is visible on the right screen, which is currently turned on. At the bottom of both screens, there are three buttons: 'Confirm', 'Cancel', and 'Add Period'. The 'Confirm' button is highlighted with a red box in both screenshots.

Then select the start time and end time, And “Confirm” it.

Note 1: Turn on or off the scheduled charging schedule.

9 IC card activated charging

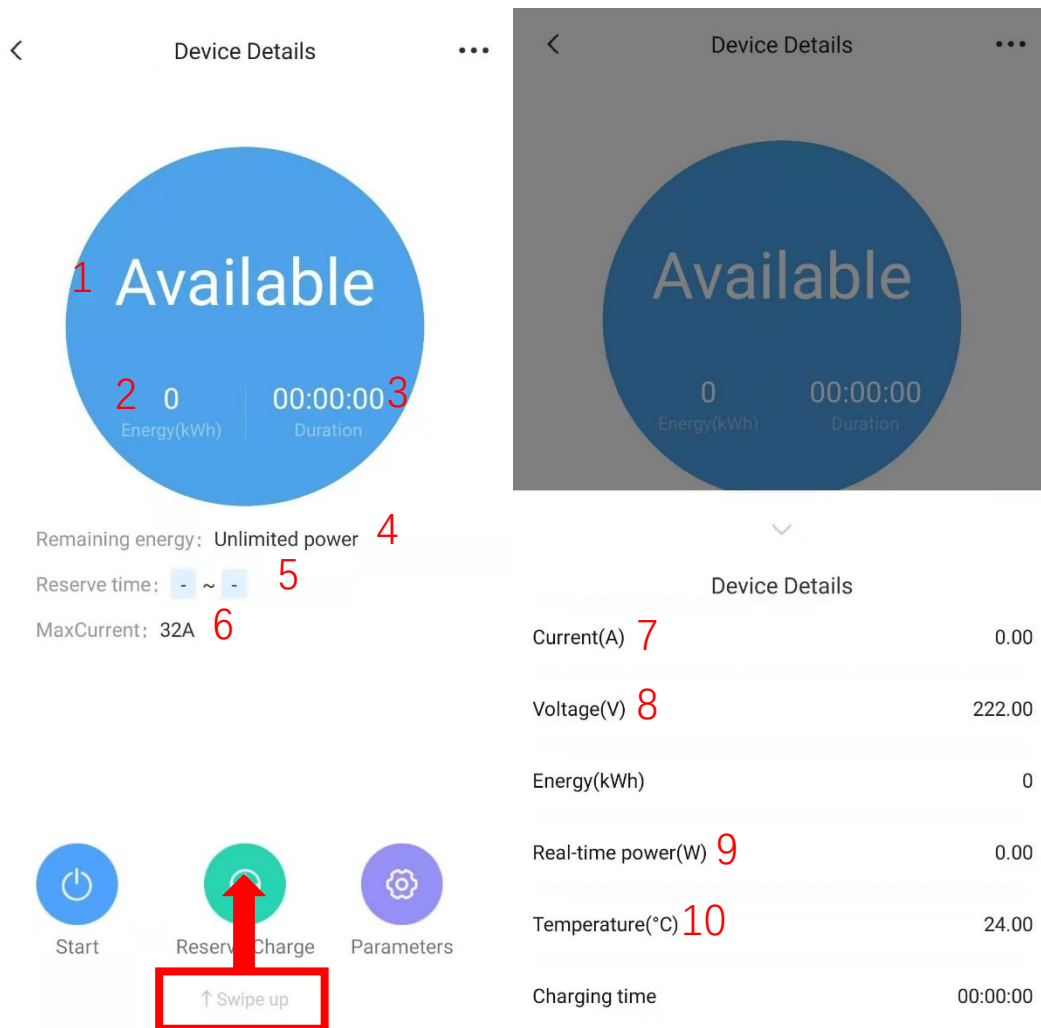


1 Plugging the connector into the vehicle socket.

2 Swing IC card and start charging.

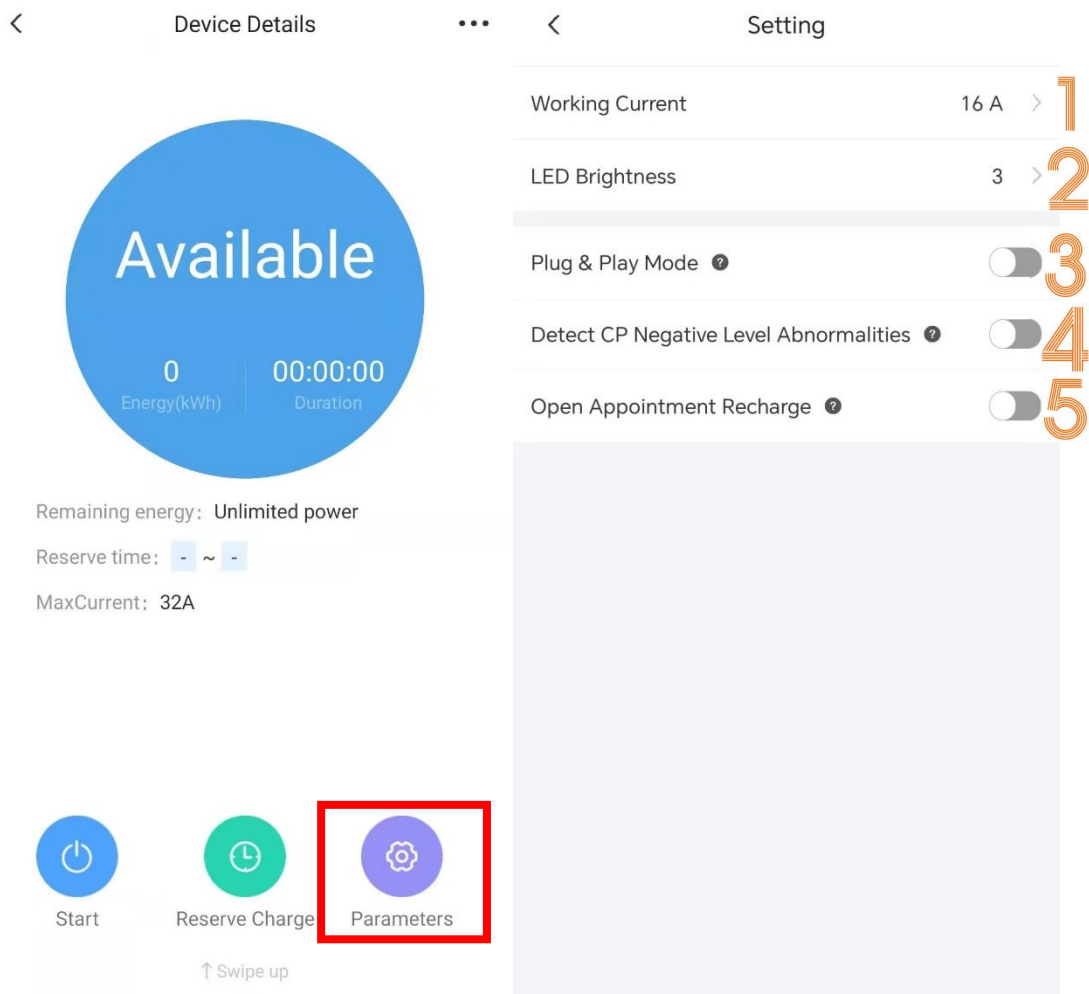
Note: See Chapter 12 for IC card setup. And close “plug & play mode”.

10 Device details



- 1 State of charging station. 2 Energy of charging.
 3 Time spent on the current charging plan.
 4 Remaining available power(kWh) of user.
 5 Display start and end time of reserve charge.
 6 Max charging current. 7 Current of charging.
 8 The voltage of charging station.
 9 Current charging power. 10 Internal temperature of charging station.

11 Parameter setting



1:Working current: Sets the maximum allowable charge current.

2:LED Brightness: Adjust the brightness of LED indicator light of charger.

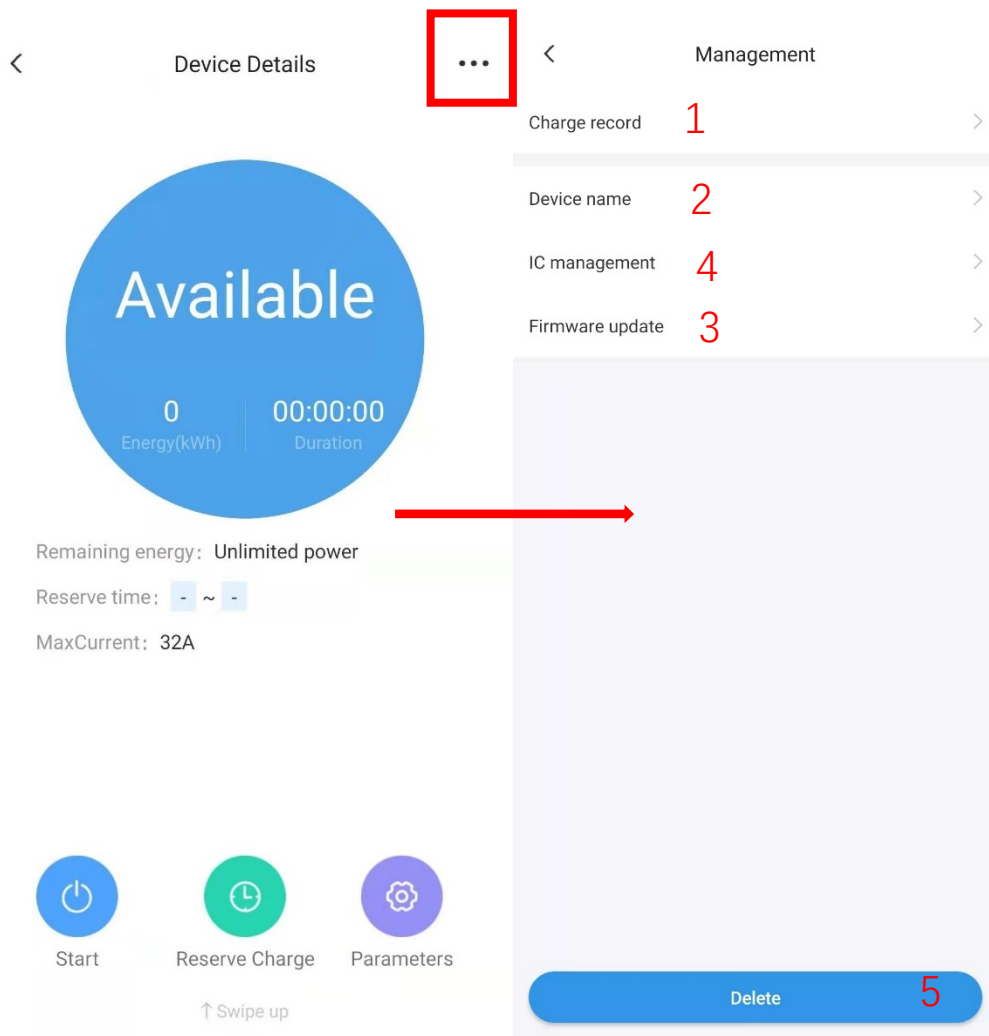
3: Plug & play mode: Users can charge directly after plug the charging connector in vehicle.

4: Some older electric vehicles do not comply with the latest IEC regulations. ERR01 will appear on the charger screen.

This error prompt can be turned off by this switch without causing charging safety issues.

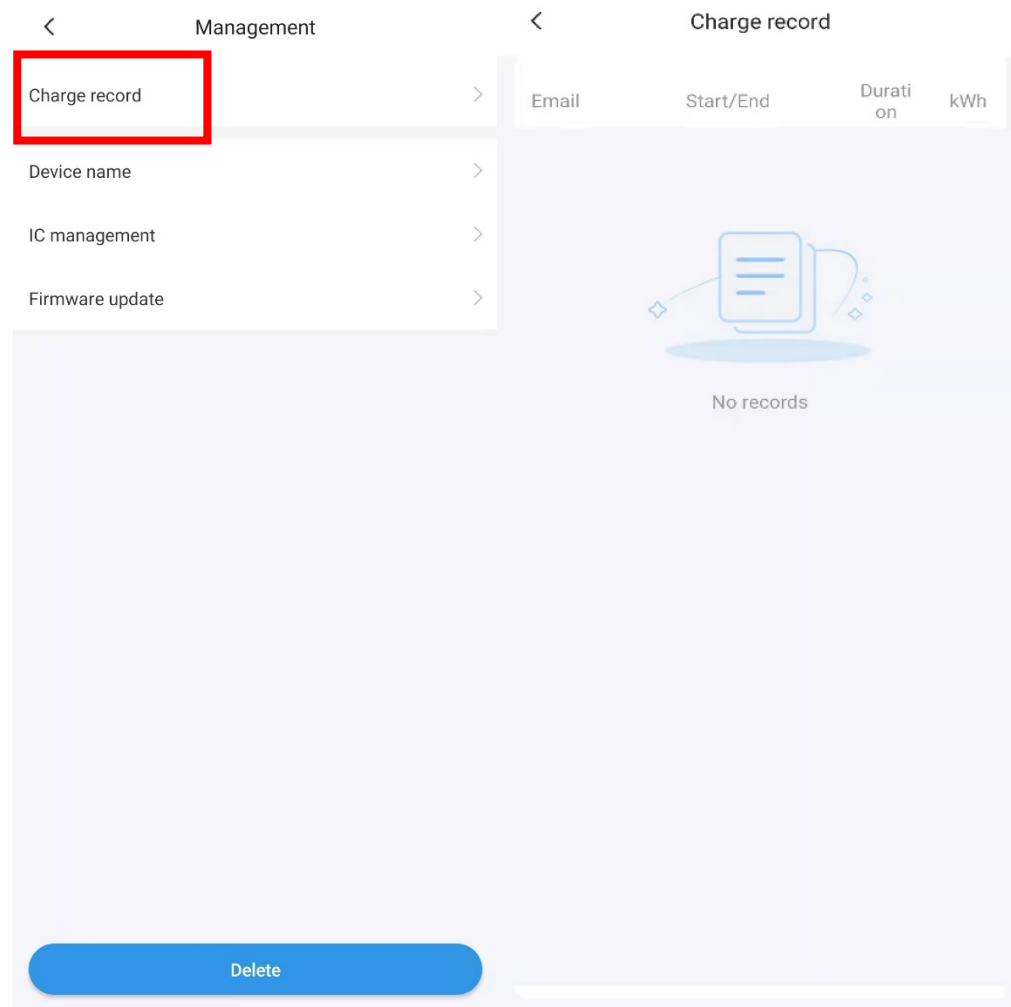
5: Turning on the switch will allow shared users to use the reservation charging feature.

12 Function setting



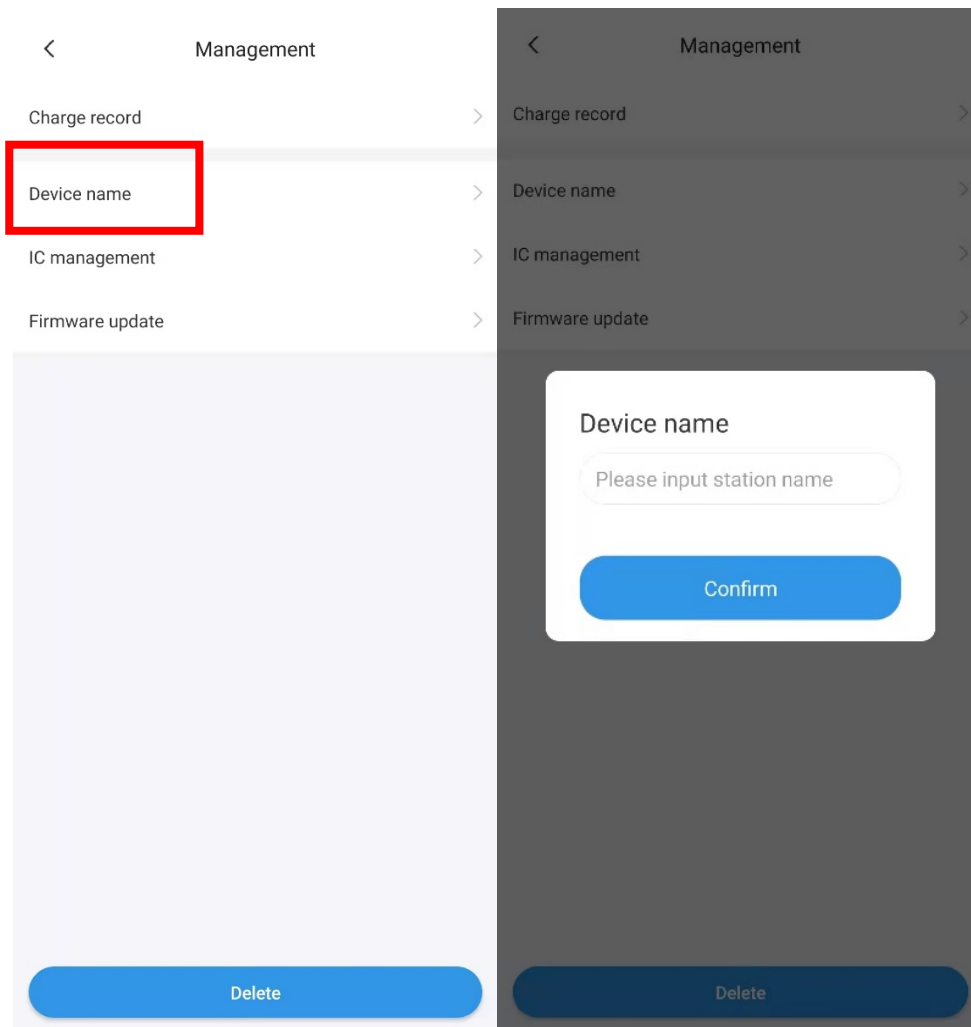
1 Charge record

User can see the charging history.



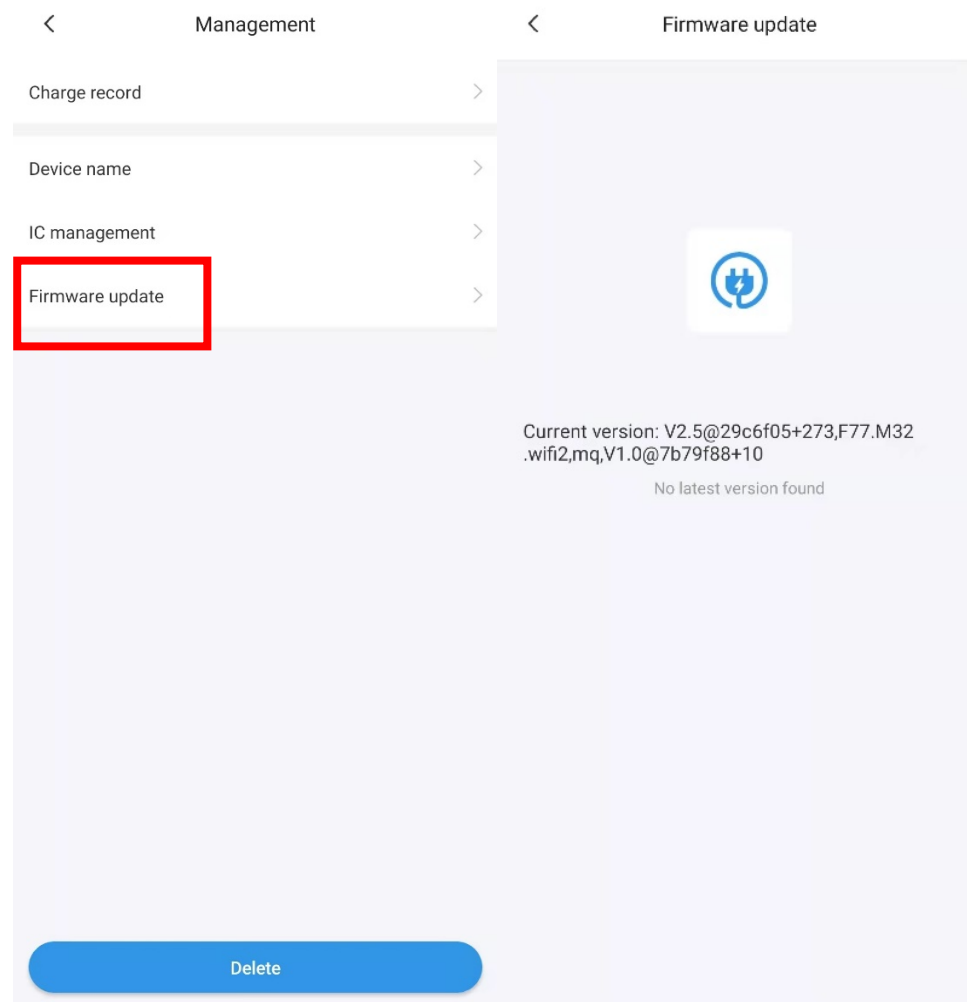
2 Device name

User can rename the charging station.

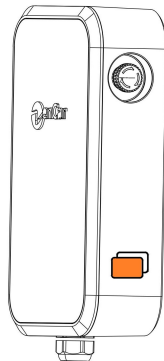


3 Firmware update

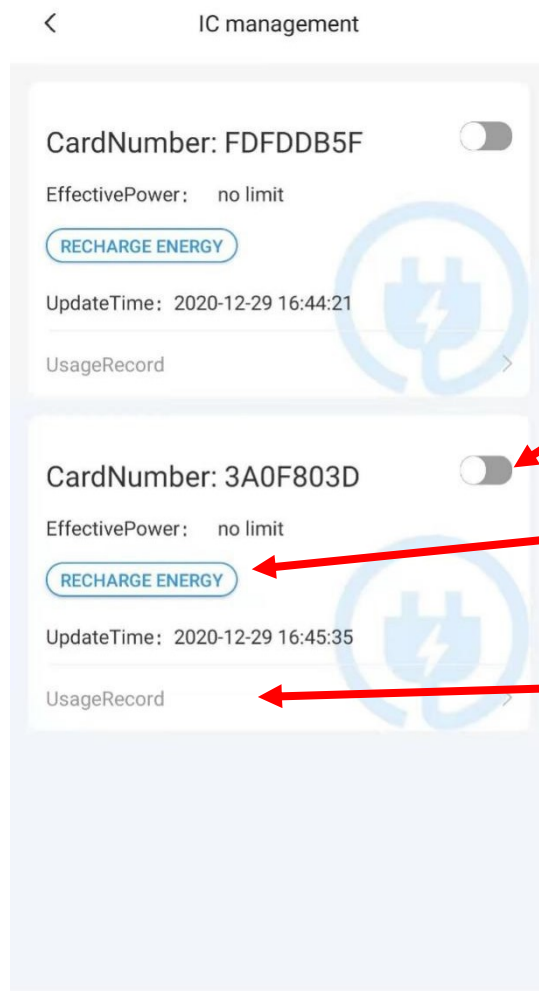
User can check the charging station firmware update.



4 IC management



Swipe the IC card on the RFID symbol of the charging station.

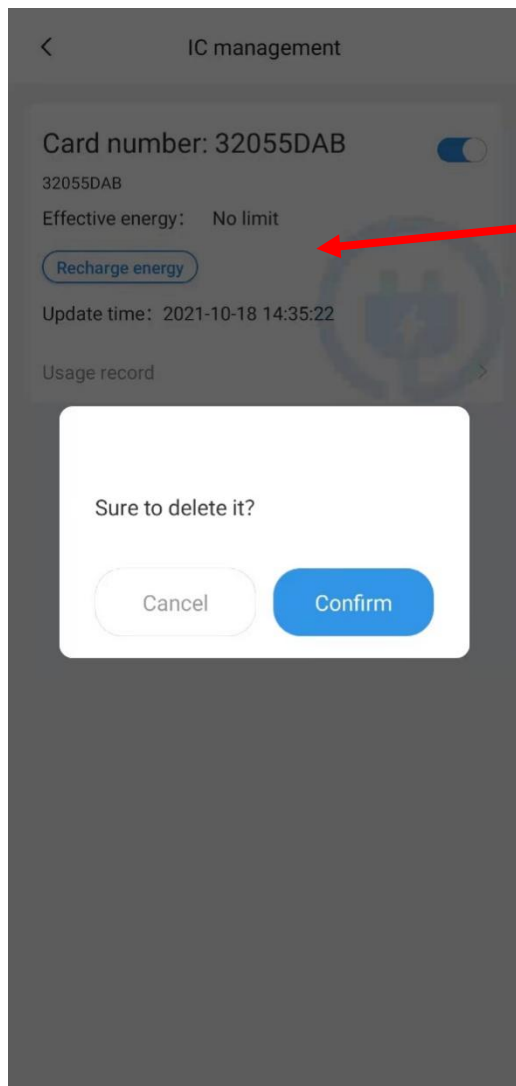


User press and down to refresh page after swiping card.

IC card enable switch

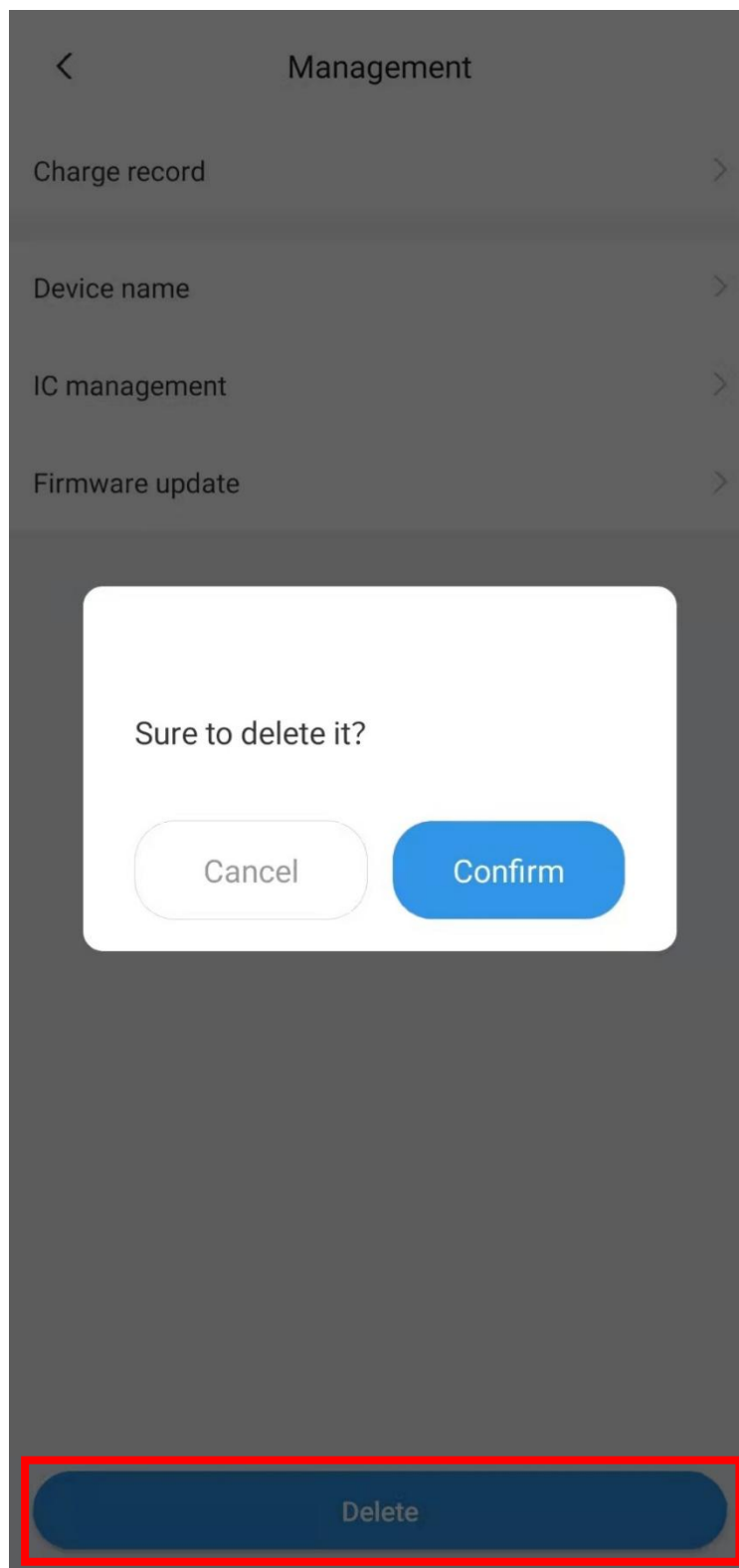
Set the limit power of card

Using history of card

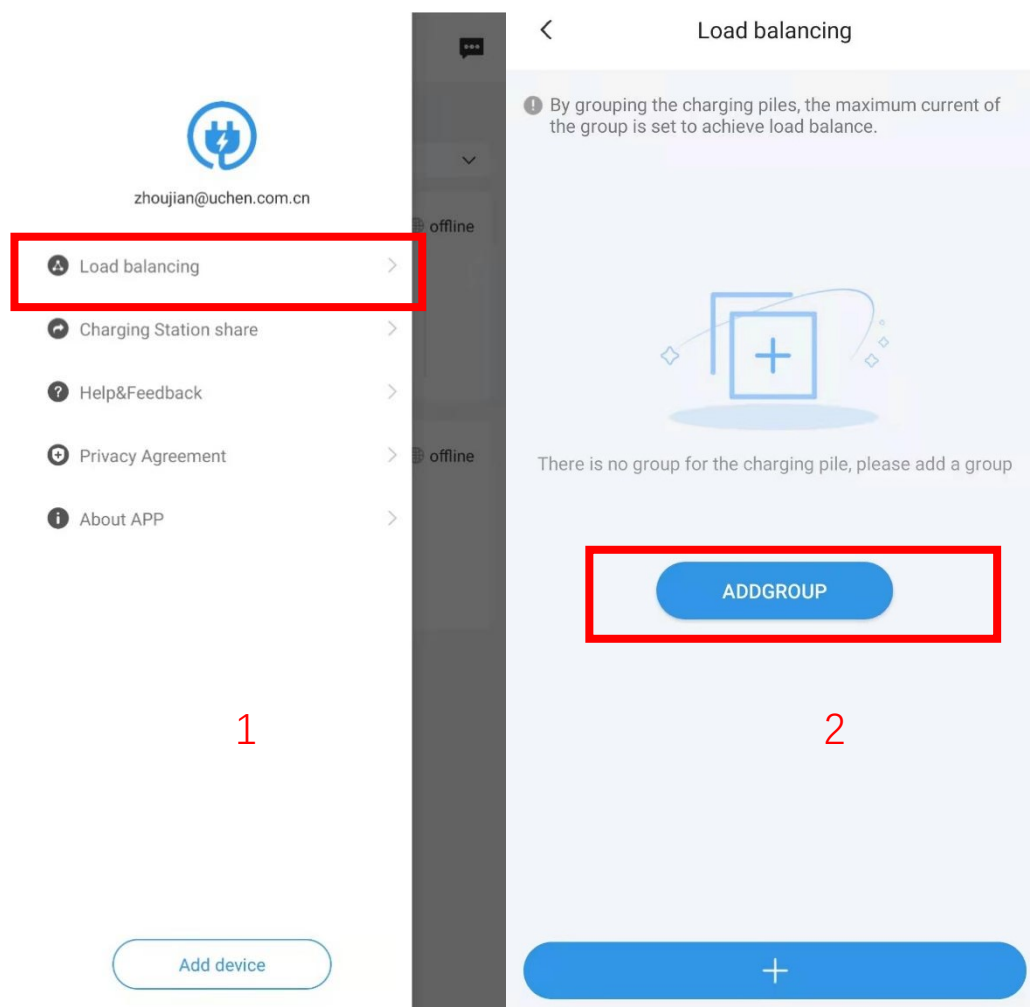


User long press to delete it

5 User can delete the charging station.

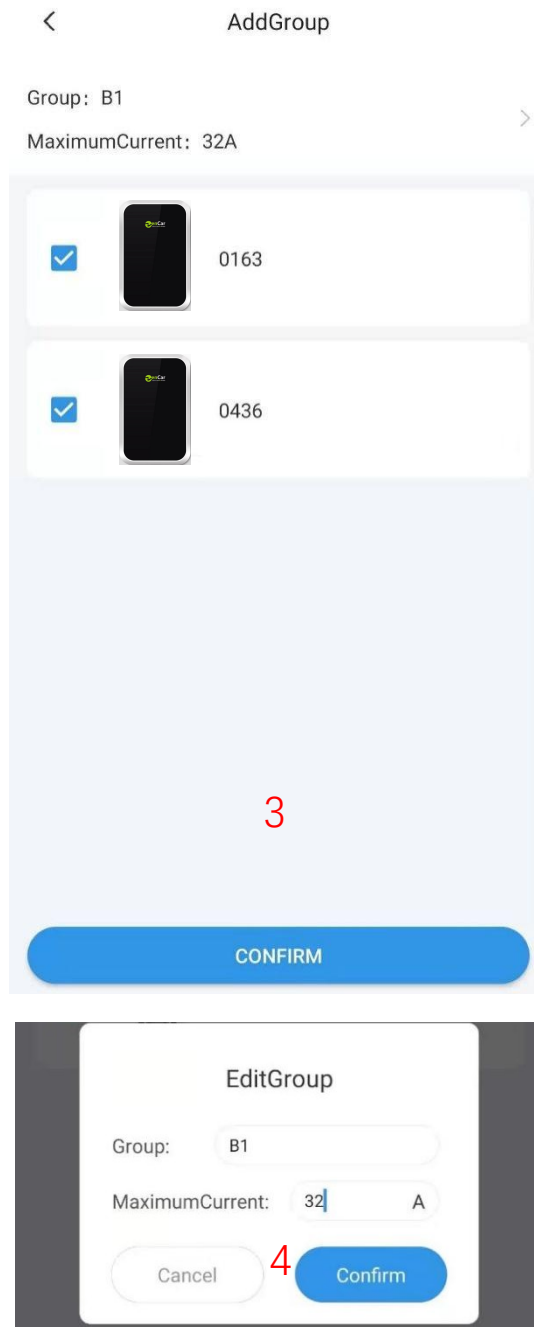


13 Load balancing



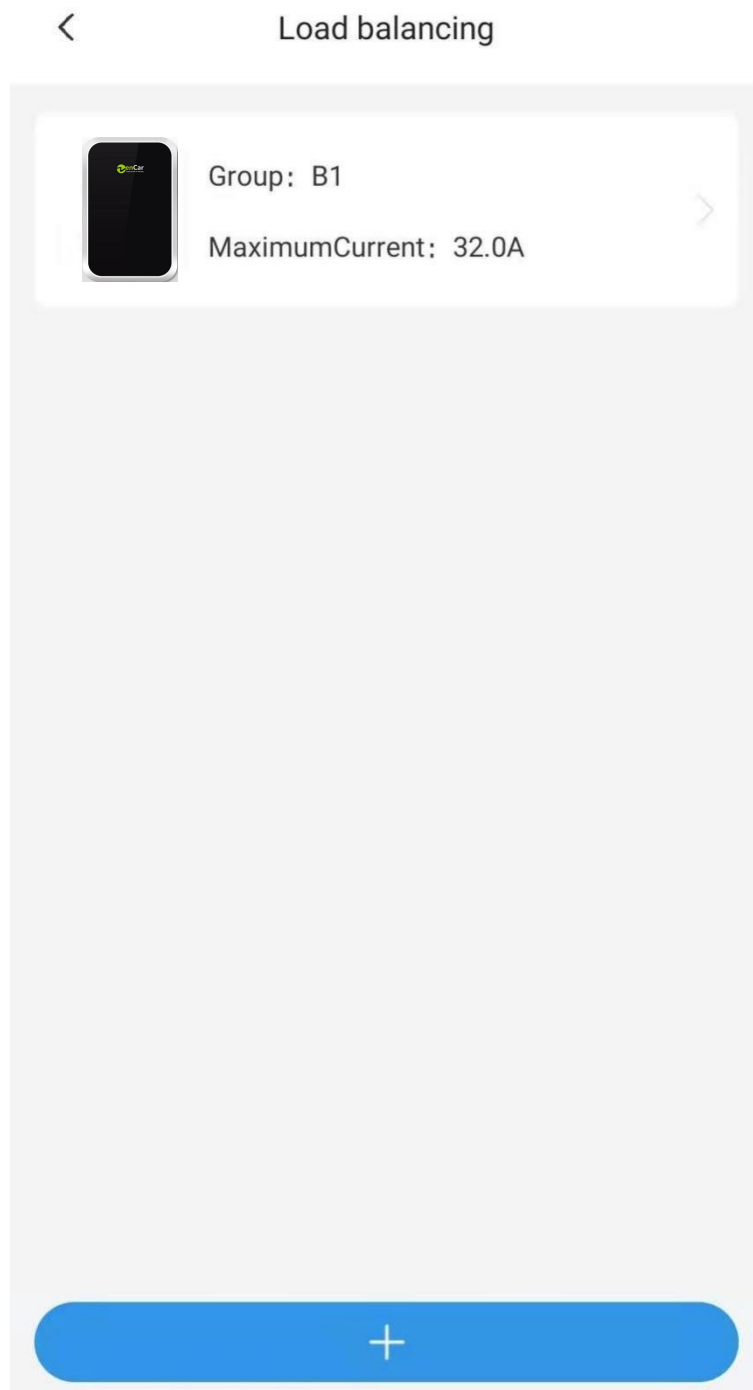
Step 1: Select the Load balancing in APP menu.

Step 2: Press the ADD GROUP.



Step 3: Select the required load balanced charging stations.

Step 4: Set Group name and Group Max current.



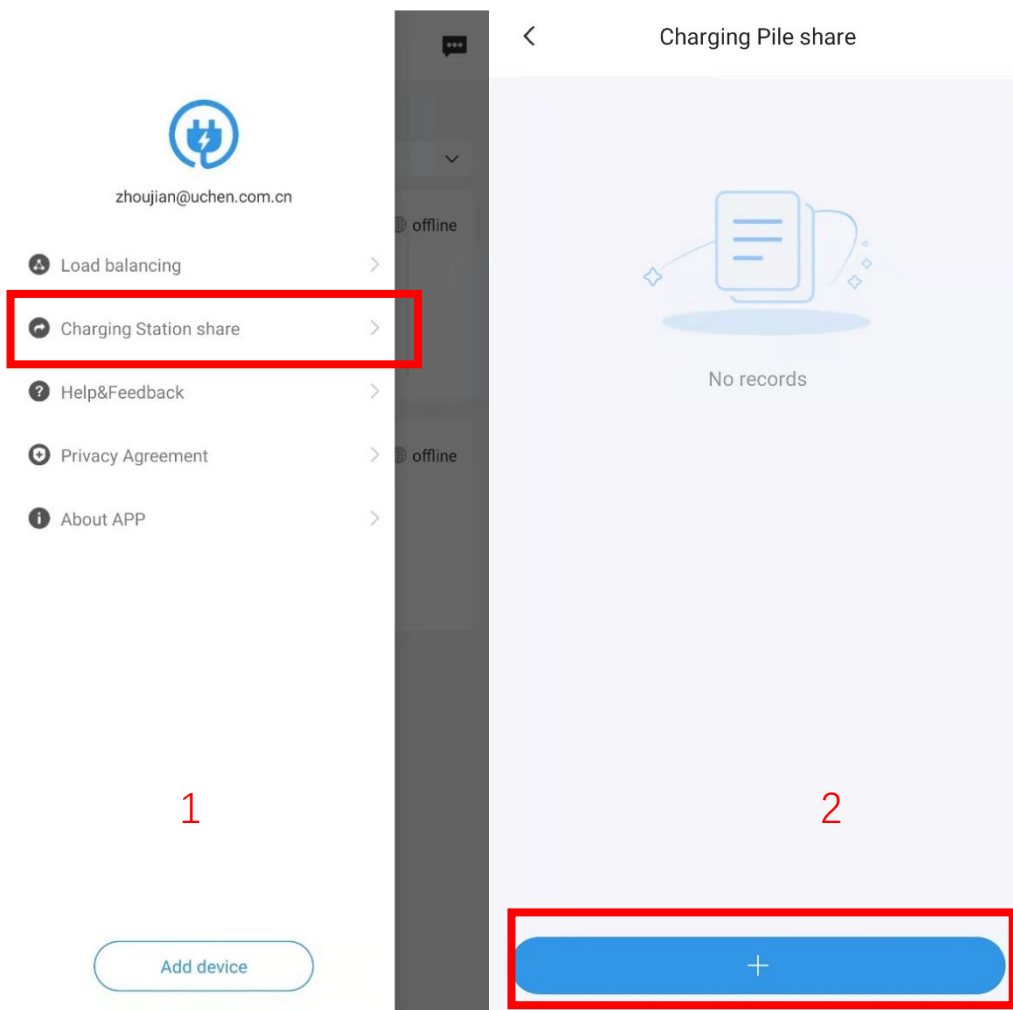
When multiple charging stations in the group are charged at the same time, The charging stations will distribute the current equally, if total current of the charging stations reaches the group limit max current.

13.1 Load management off line function

When one or more Wallboxes in the load balancing group are offline, Off-line charging stations will be charged at a safe current(Offline Charging Current), The remaining online charging stations continue to be controlled by the backend load balancing function. All of this is automatic and the user does not need to make any setup for off-line load balancing. After the load balancing group is created, the background will assign an Offline Charging Current value to the Wallbox, which will be used for charging when the Wallbox is offline. The offline Wallbox will also be regarded as the charging state using the offline current value, and the remaining online Wallbox will continue to be controlled by the load balancing function of the background.

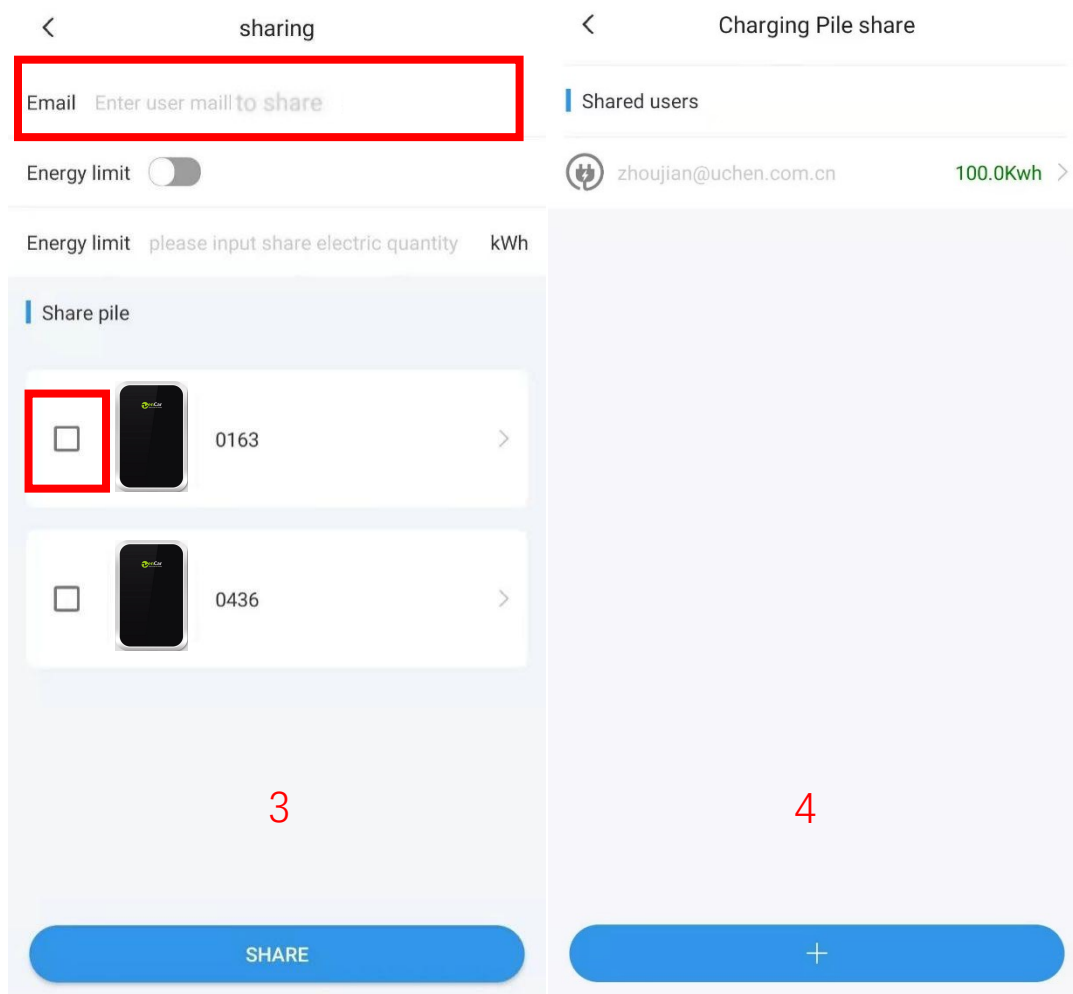
Note: Charging station must be OCPP version, and The version must be V2.5 302 or later.

14 Charging station share



Step 1: Press charging station share in APP menu.

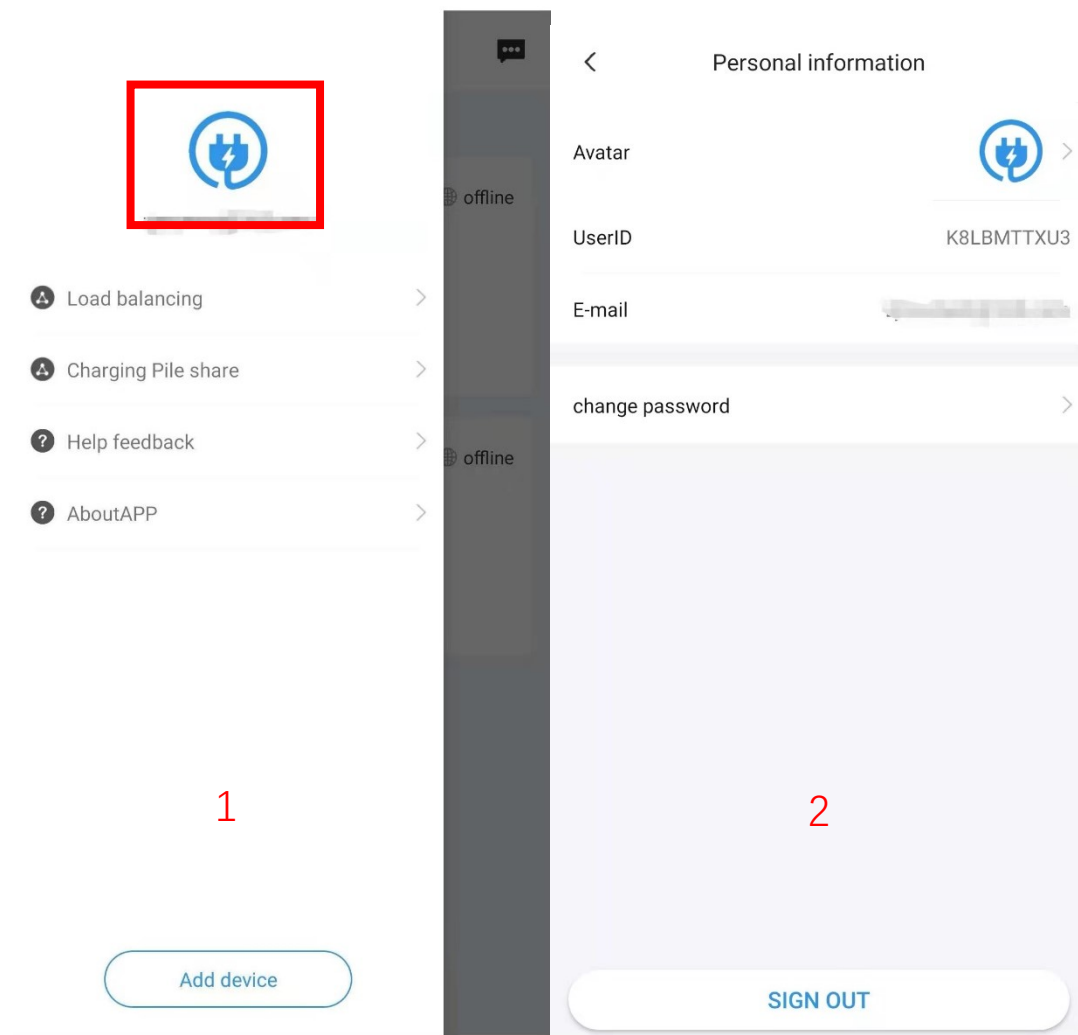
Step 2: Press symbol +.



Step 3: Fill in the sharing user's e-mail, Select charger station to share. And it can limit the amount of energy users can charge.

Step 4: Completed sharing.

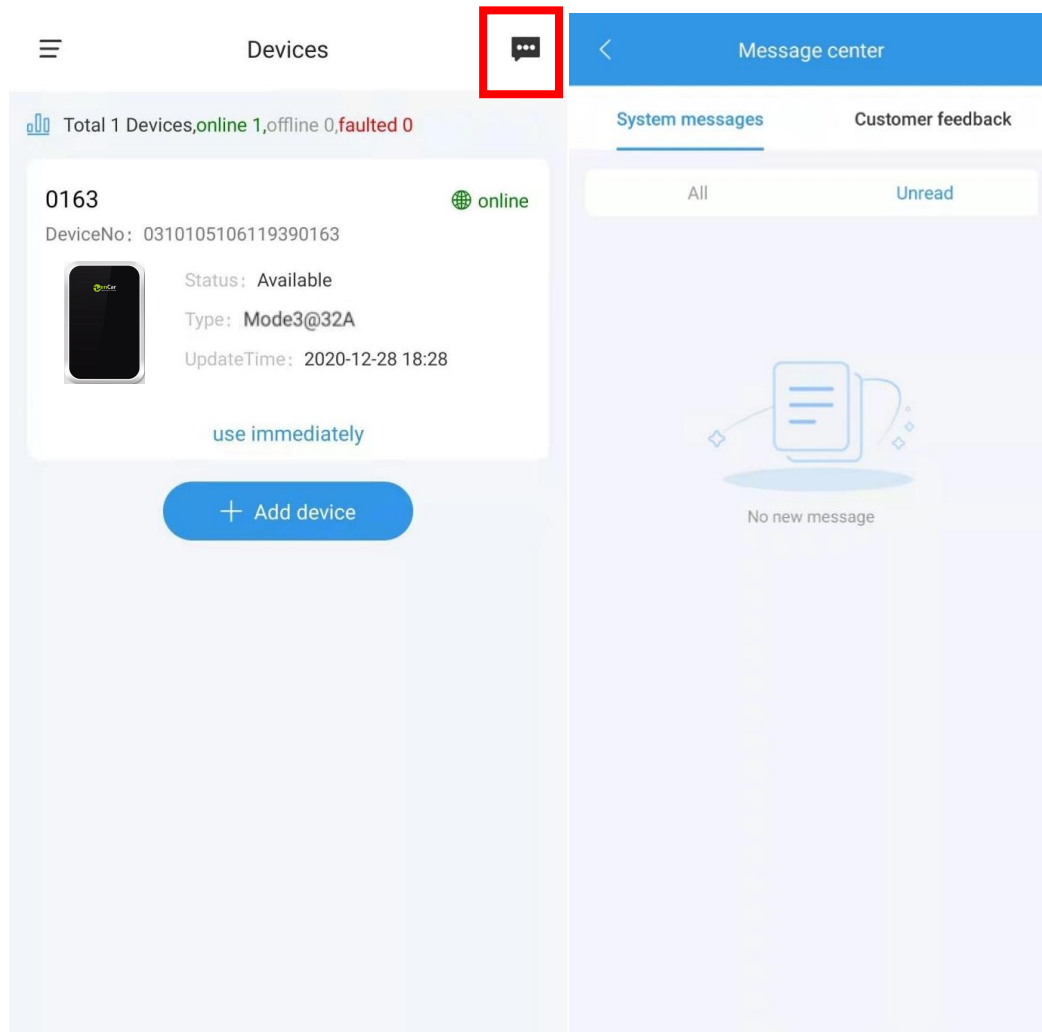
15 Personal information



Step 1: Press the icon from the menu to enter personal setting.

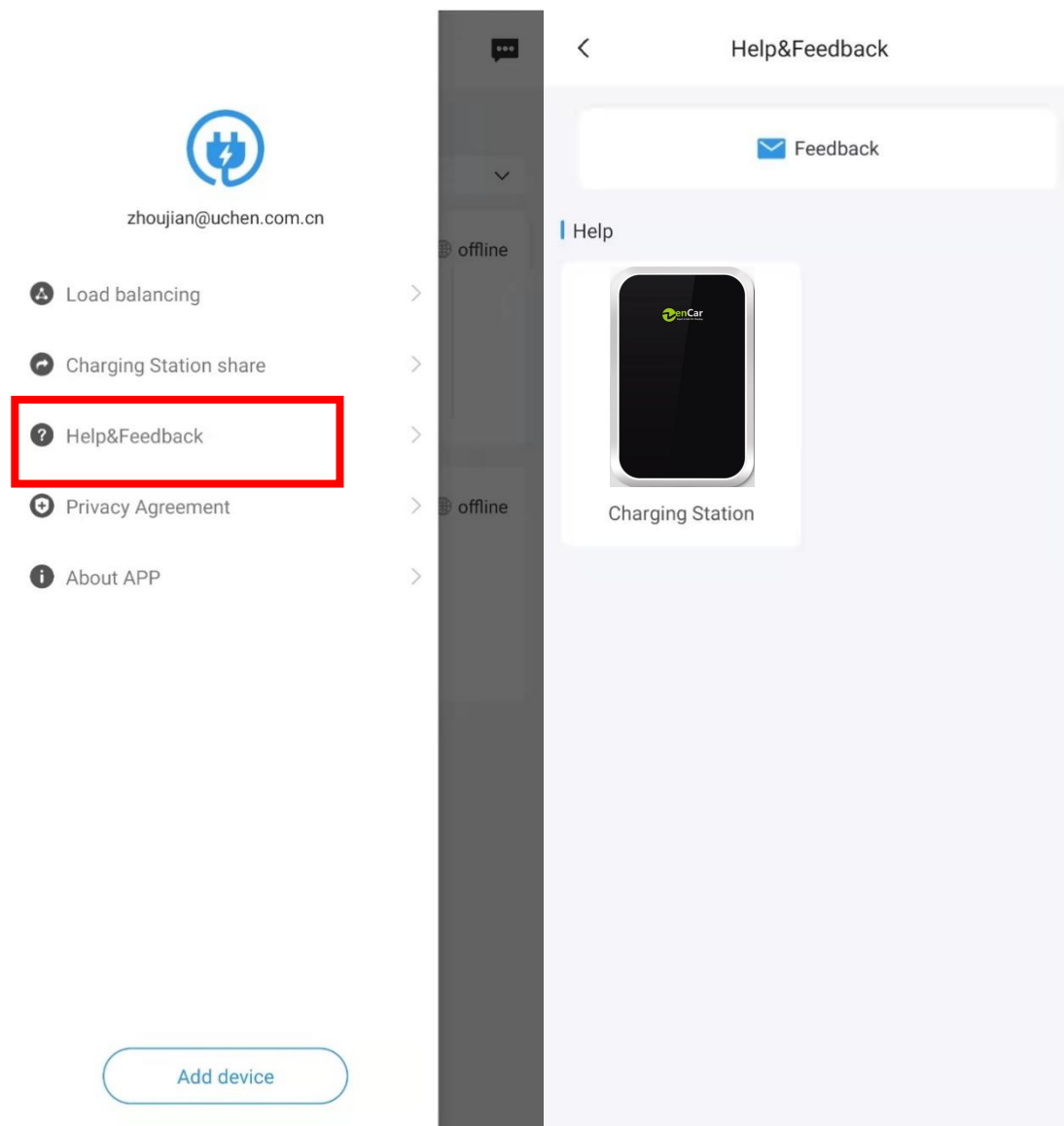
Step 2: User can change the Avatar and password in this page.

16 Message center




The message center contains system messages and feedback.


17 Help & feedback




The FAQ and user's manual can be found here, and user can feedback questions.

1. Feedback

 **Feedback**

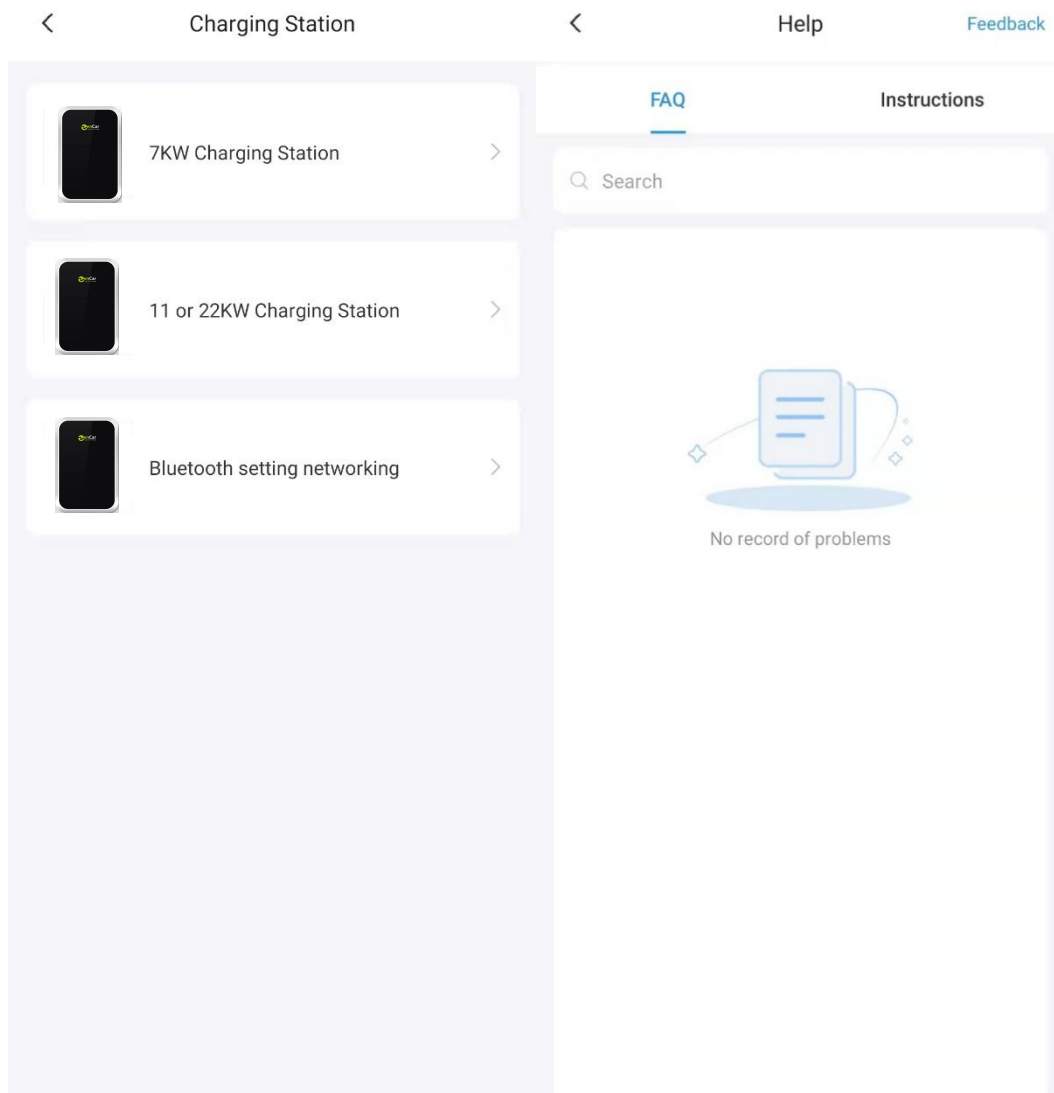
SN: Please select device 

Description: Describe the specific problem of the device

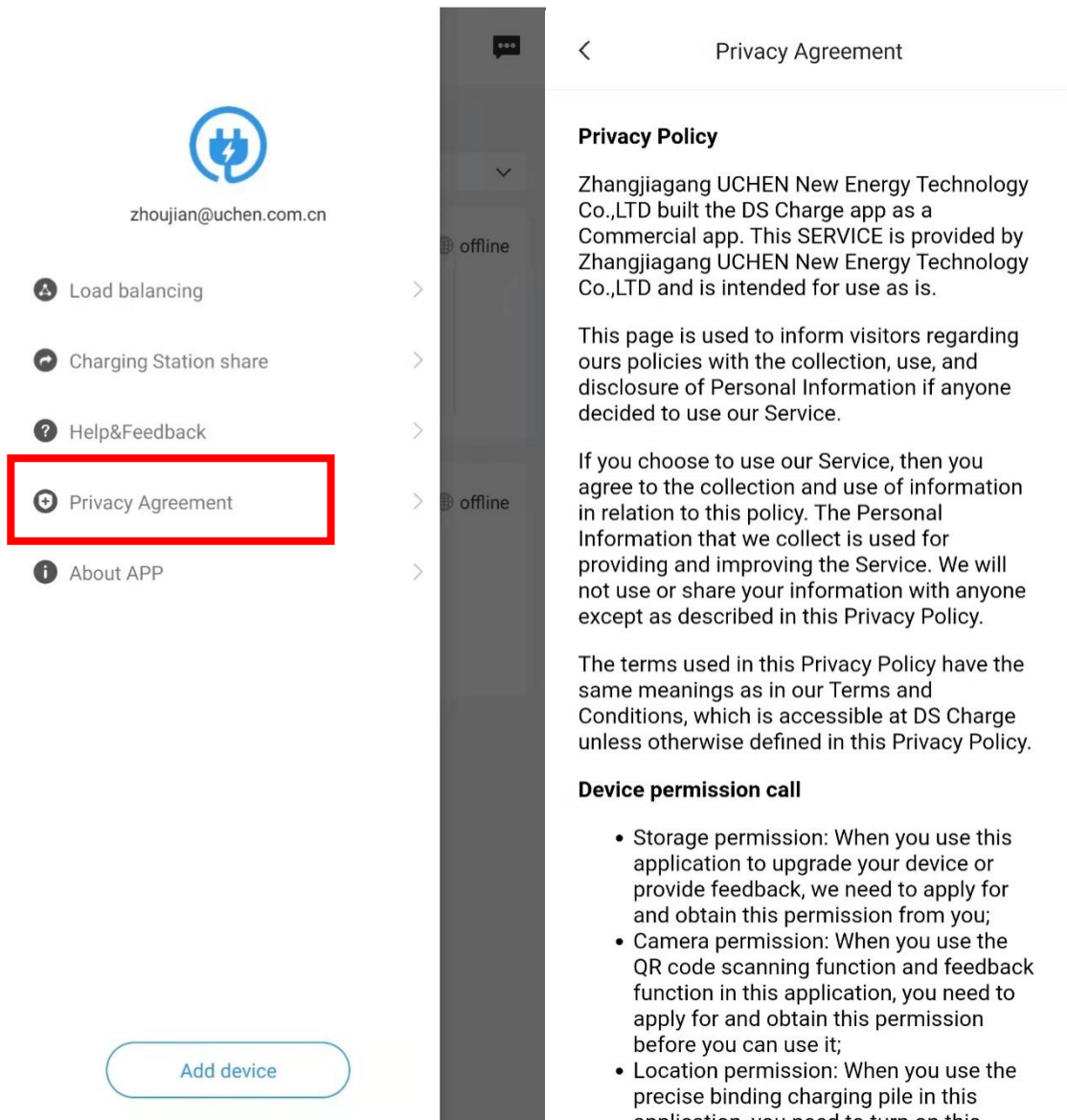


Submit

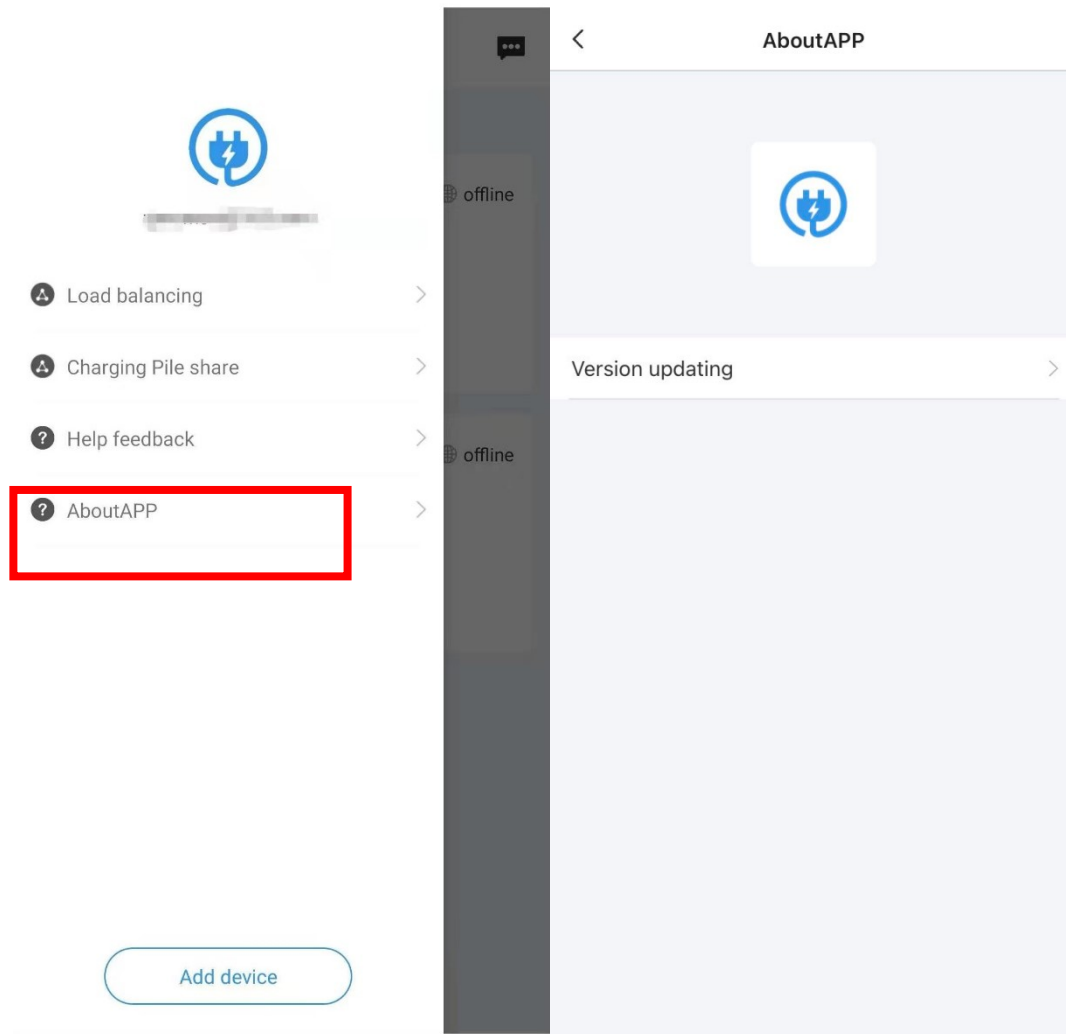
2. Help



18 Privacy Agreement



19 About APP



User can check software updating information in this page.

20 Revision History

V1.0 First release.