Marstek User Manual

1. APP Download

1、 Android download method:

Download from Google Play or scan the QR code on the device screen

2、 IOS download method:

Download from APP Store or scan the QR code on the device screen

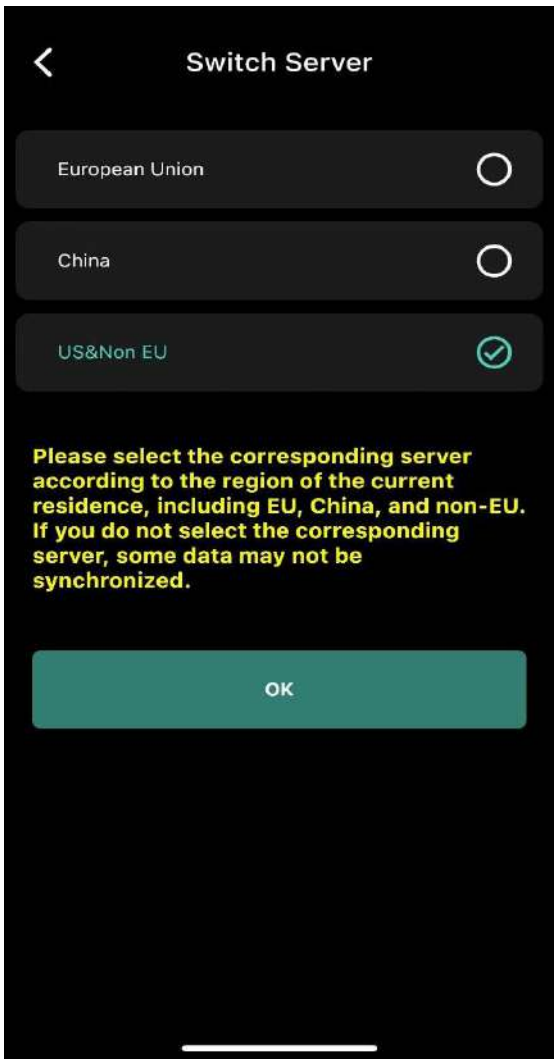
Reference image of the QR code on the device screen

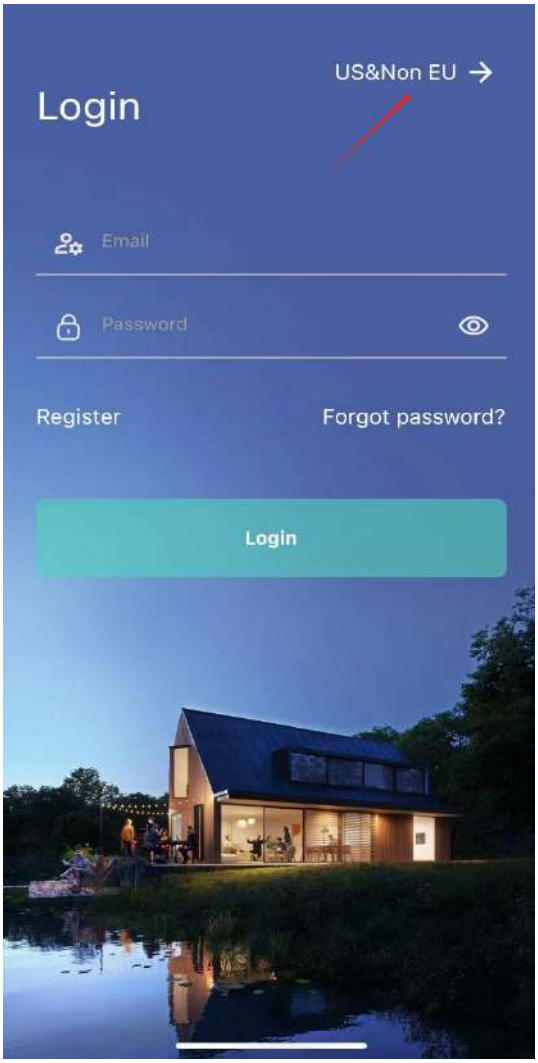
2. Register/Login/ Forgot Password

1. Select a server

After downloading, open the APP and the switcher selection page will appear. There are (EU/China/US & non-EU) options. Select the server corresponding to the region where the device is located. After selecting, click the [OK] button to enter the login page.

Note: There is a server switch entrance in the upper right corner of the login page, you can click it to change;

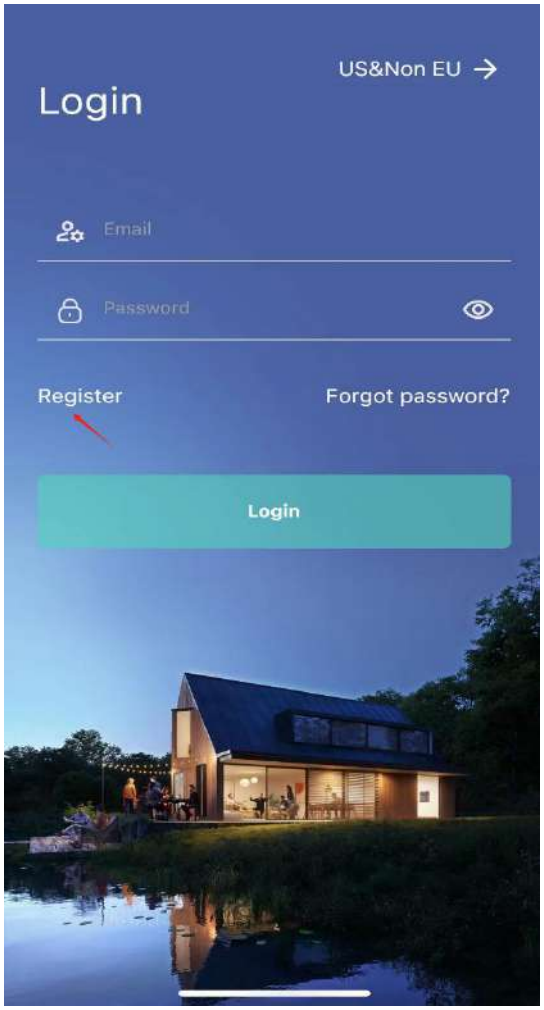


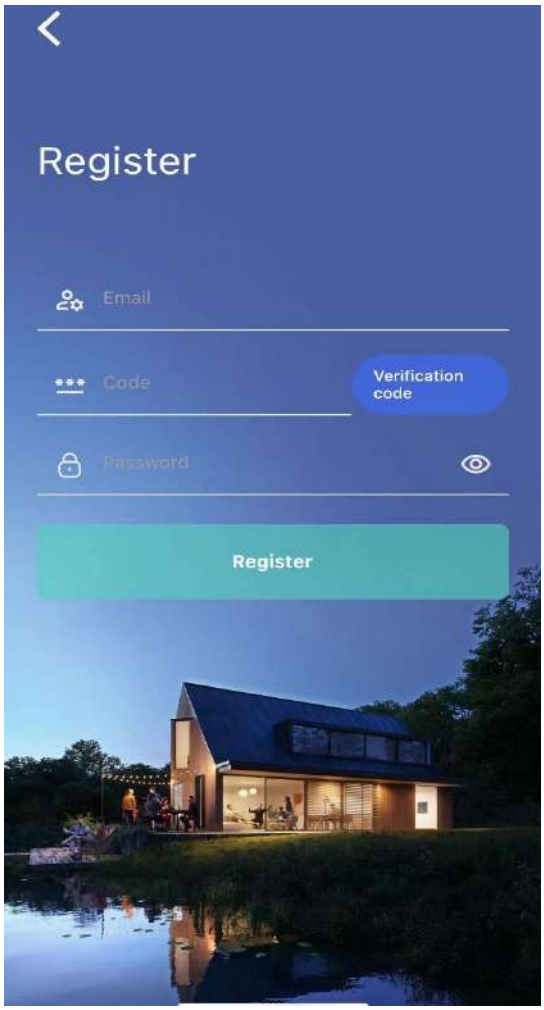


2. Registration

Click [Register] on the login page to enter the registration page;

address on the registration page, click Get Verification Code. The verification code is valid for 60 seconds after it is received (if it exceeds 60 seconds, you need to get it again). Enter the verification code and password. The password length must be 8-30 bytes. Click the [Register] button to complete the registration. The return button in the upper left corner of the registration page can return to the login page.





3. Login

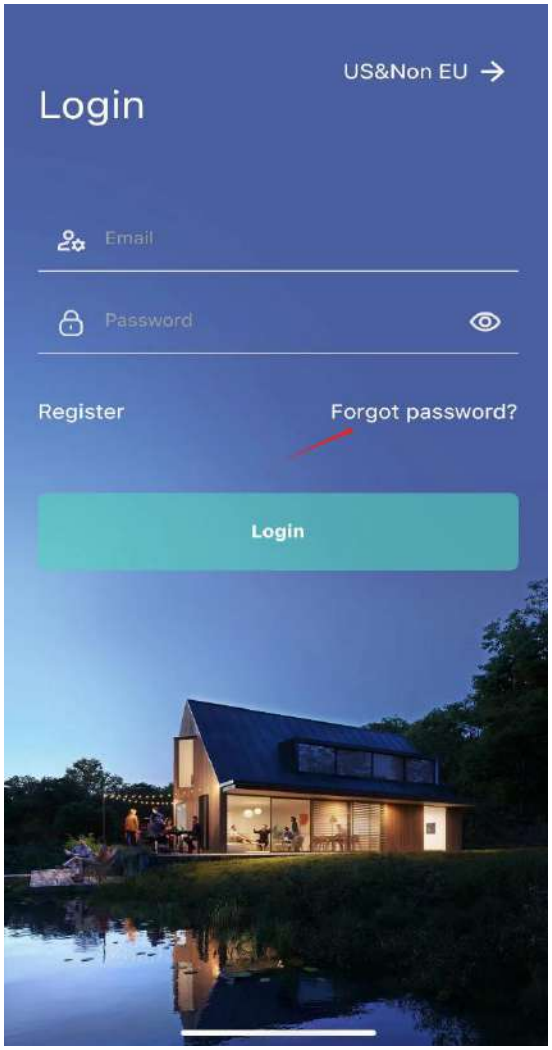
Enter the registered email address and password on the login page, click the [Login] button, and the login is successful;

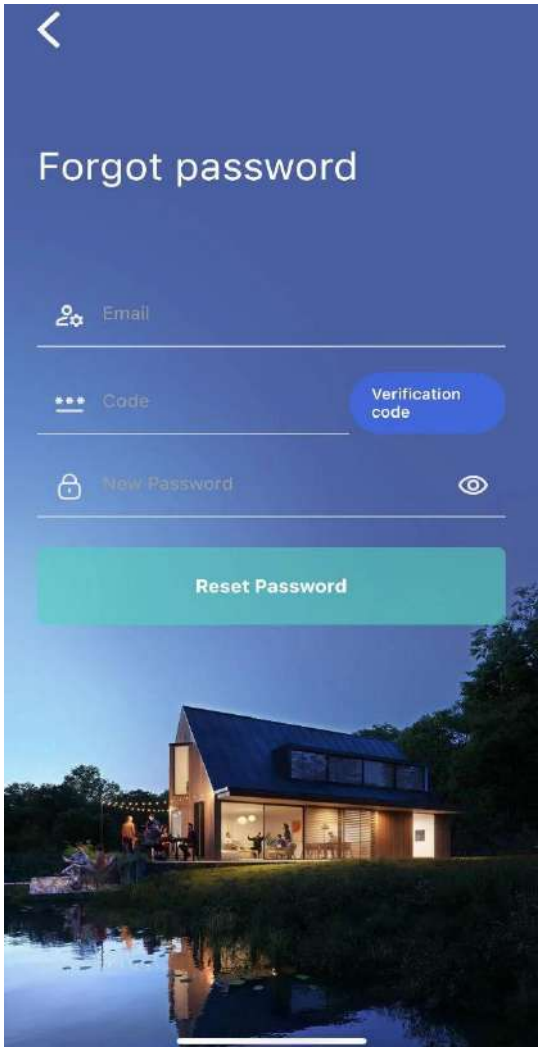
Note: The server selected in the upper right corner of the login page must be consistent with the server of the account logged in. If you register an account under a certain server, select that server to log in. Accounts on different servers cannot communicate with each other.

4. Forgot your password

Click [Forgot password?] on the login page to enter the Forgot password page;

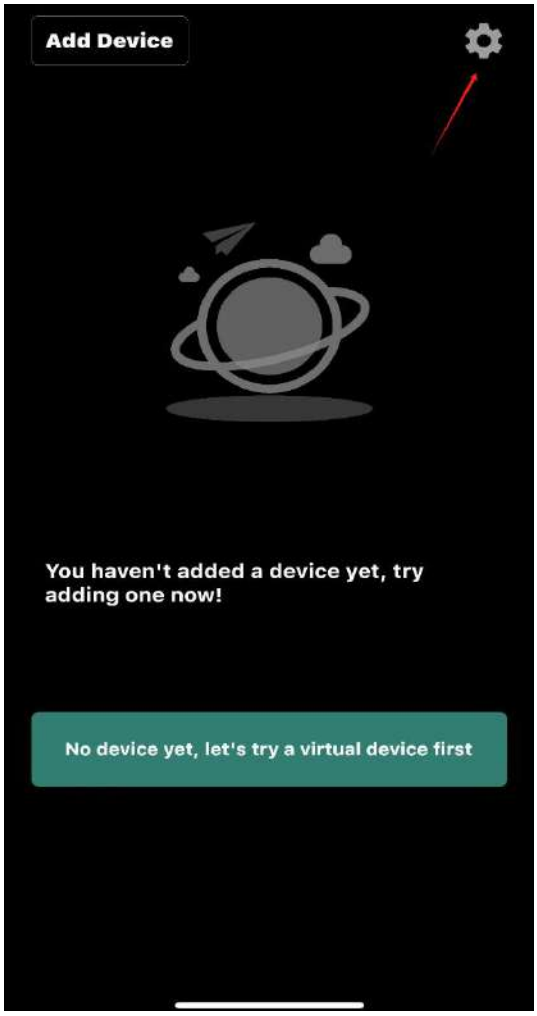
Enter your email address to get a verification code, enter the verification code (valid for 60 seconds) and new password (8-30 bytes), click the [Reset Password] button, and you can log in with the new password after the reset is successful.

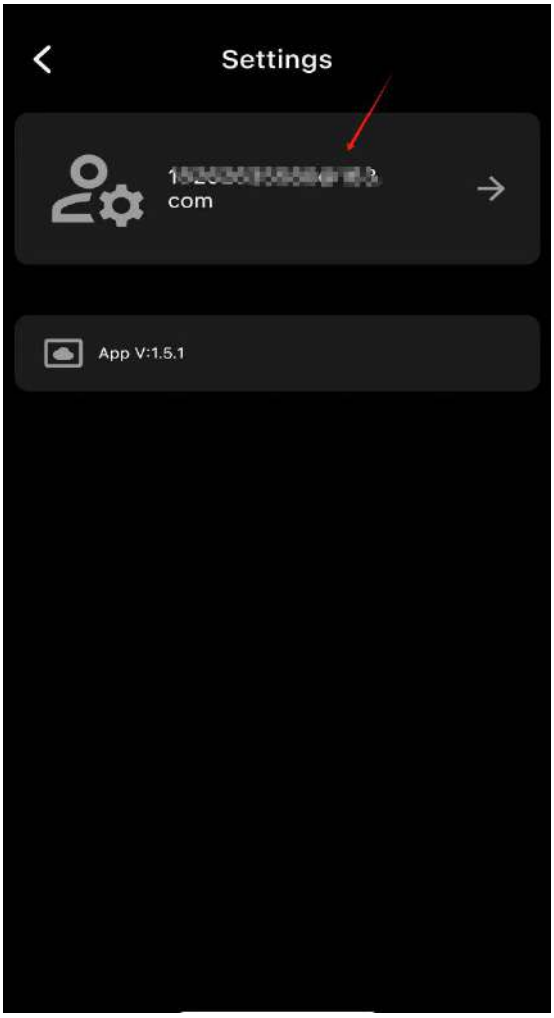




5. Change password

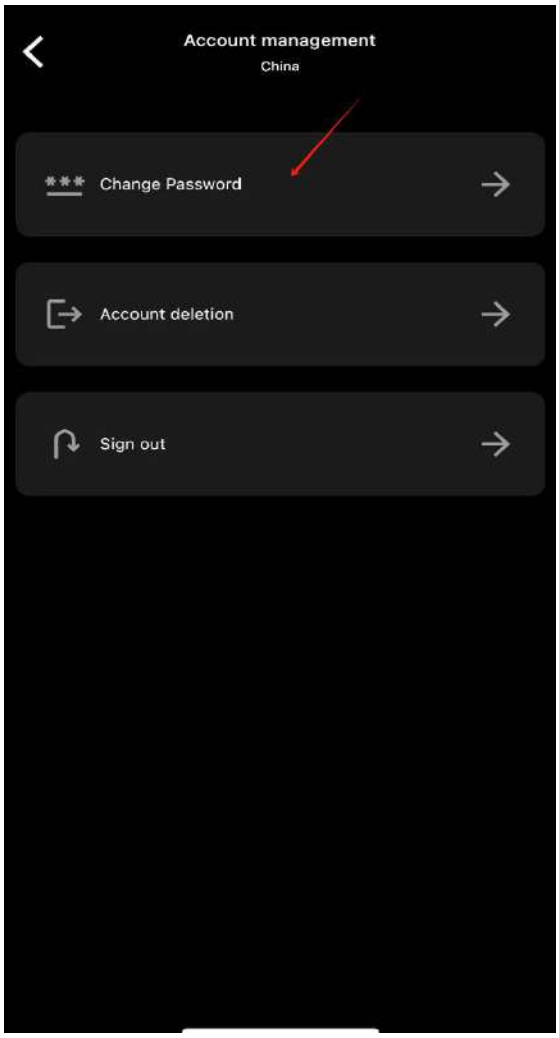
After successfully logging into the APP, jump to the homepage and click the [Settings] button in the upper right corner of the homepage to enter the settings page. On the settings page, click the email address to enter the account management page.

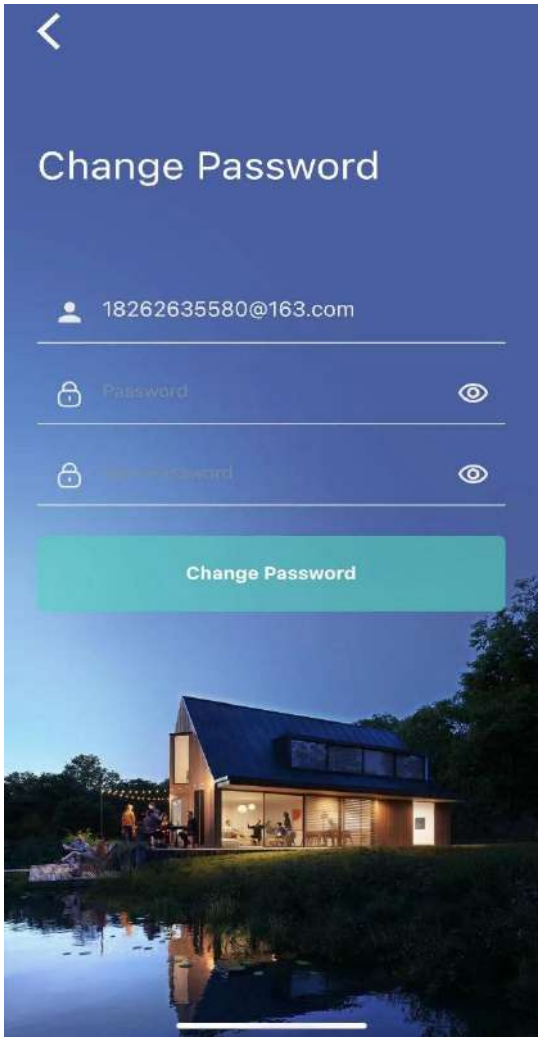




On the account management page, click [Change Password] to enter the password change page;

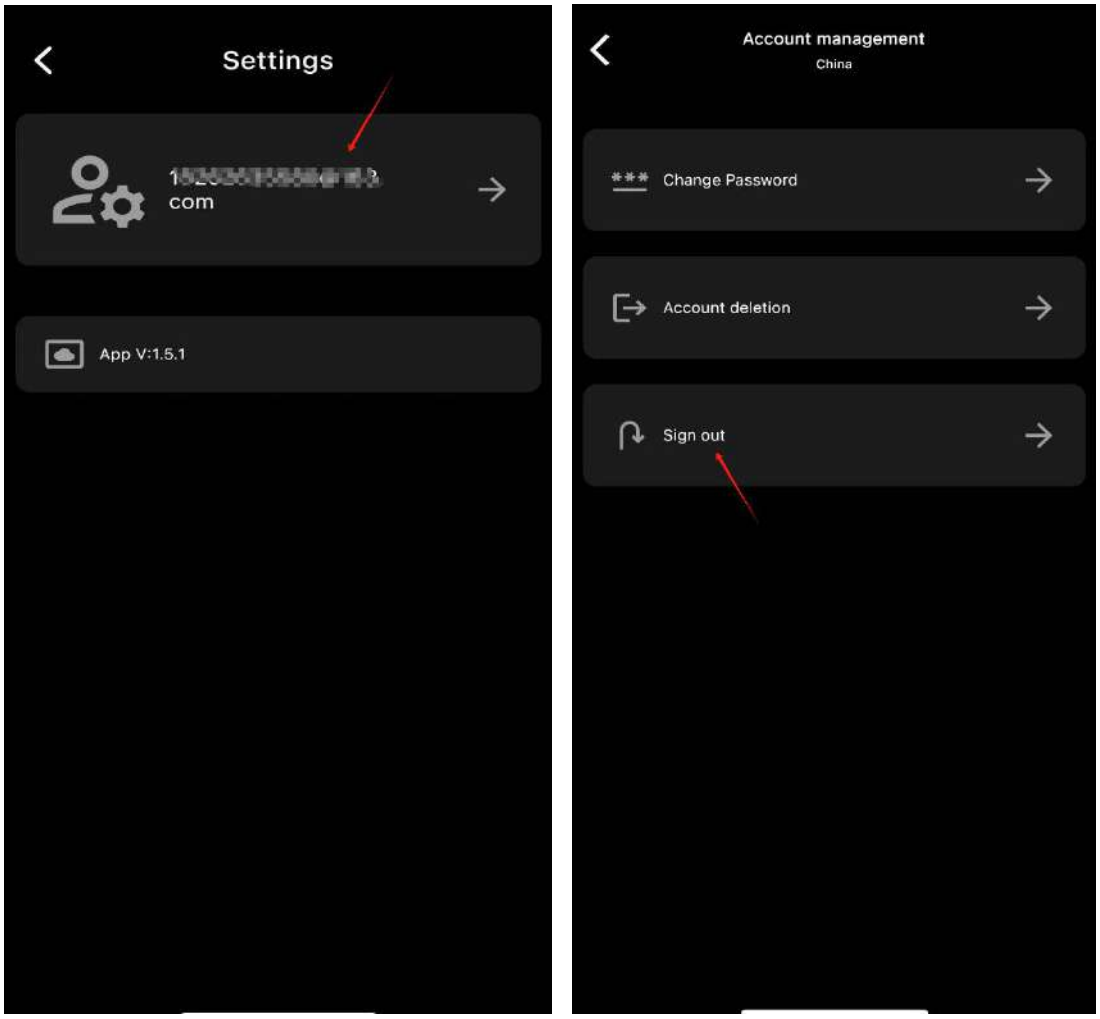
On the password change page, enter your email address (automatically filled in), original password, and new password (8-30 bytes), click the [Change Password] button, and a message will pop up saying that the password has been changed successfully. You can use the new password to log in next time.





6. Log out

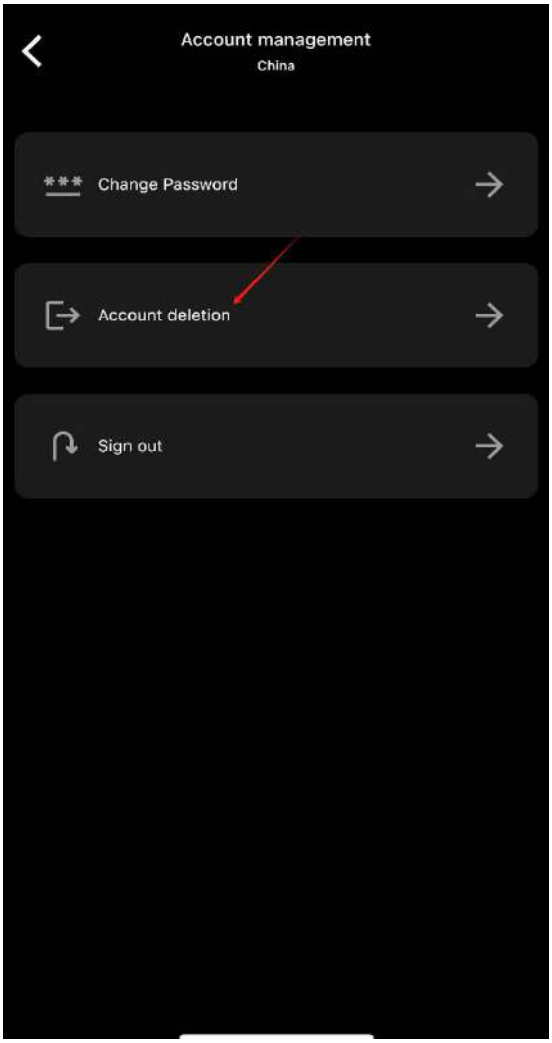
Log in to the app, enter the account management page, click [Log out] to log out of the account. You will need to log in again next time you enter the app;

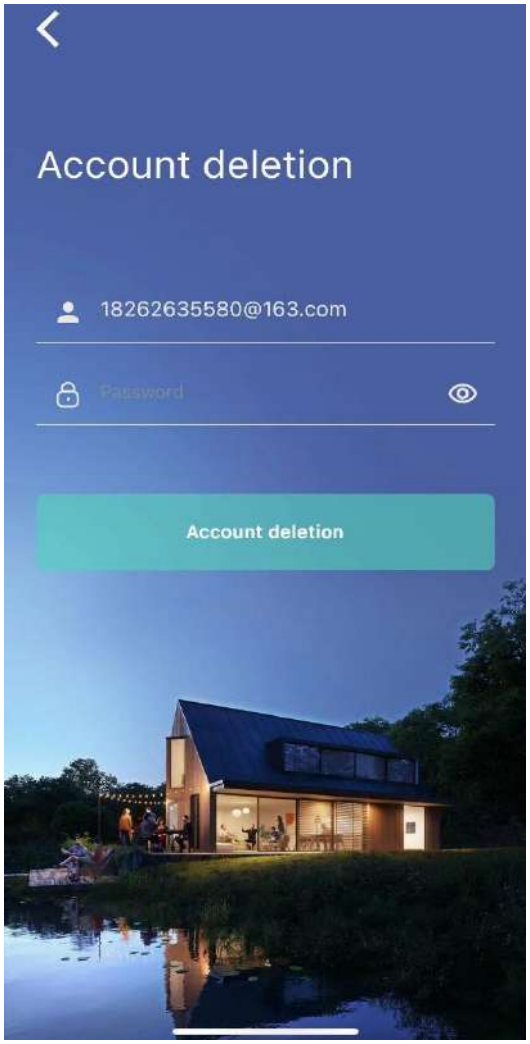


7. Cancel your account

Log in to the app, enter the account management page, and click [Account deletion] to enter the account deregistration page;

Enter your email address and password on the account cancellation page, click the [Account deletion] button, and you will be prompted that your account has been cancelled. The cancelled account cannot be logged in again and needs to be re-registered;

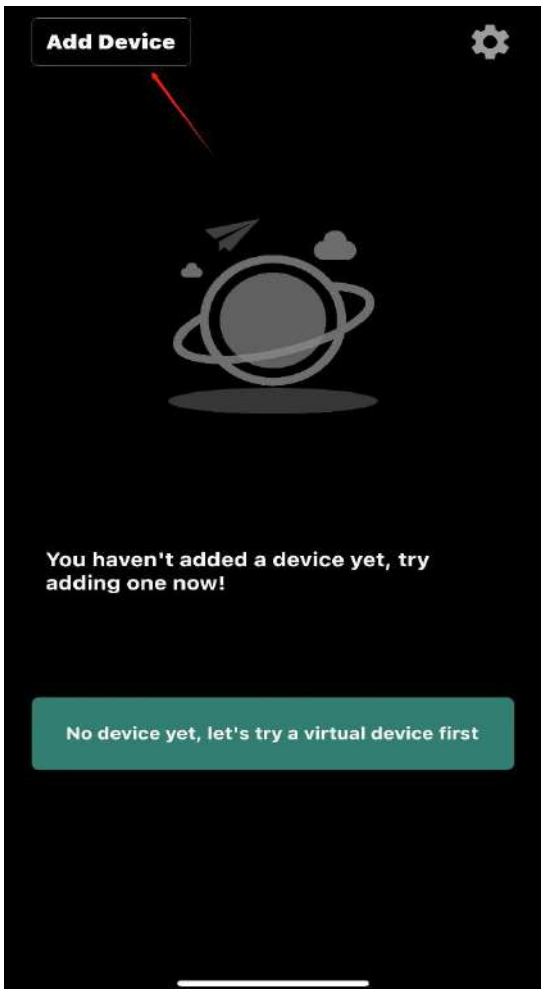


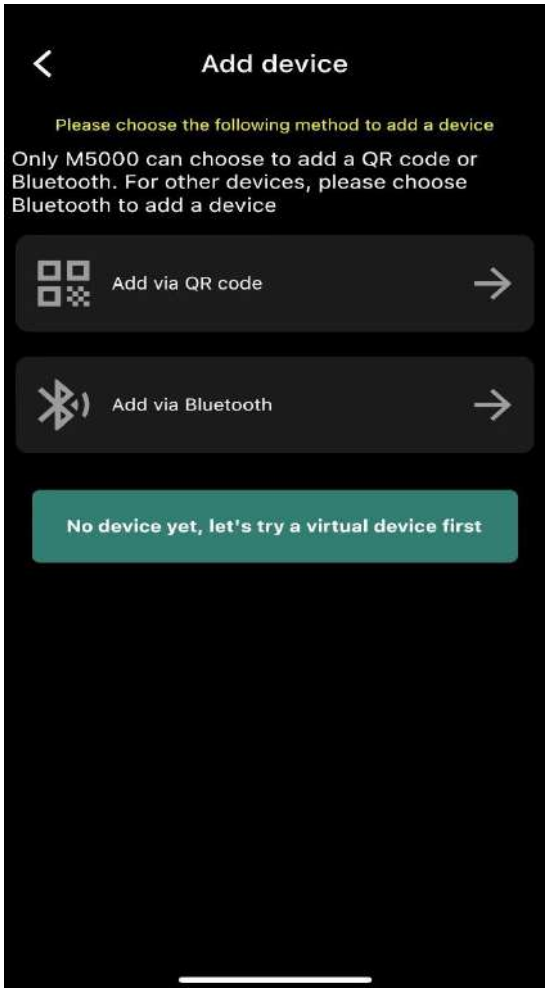


3. Adding Devices

Log in to the APP, click the [Add Device] button in the upper left corner of the homepage to enter the Add Device page. There are two ways: [QR Code Add] and [Bluetooth Add];

Note: For accounts that have bound devices, the entry to add a device page is at the upper right corner of the device list.





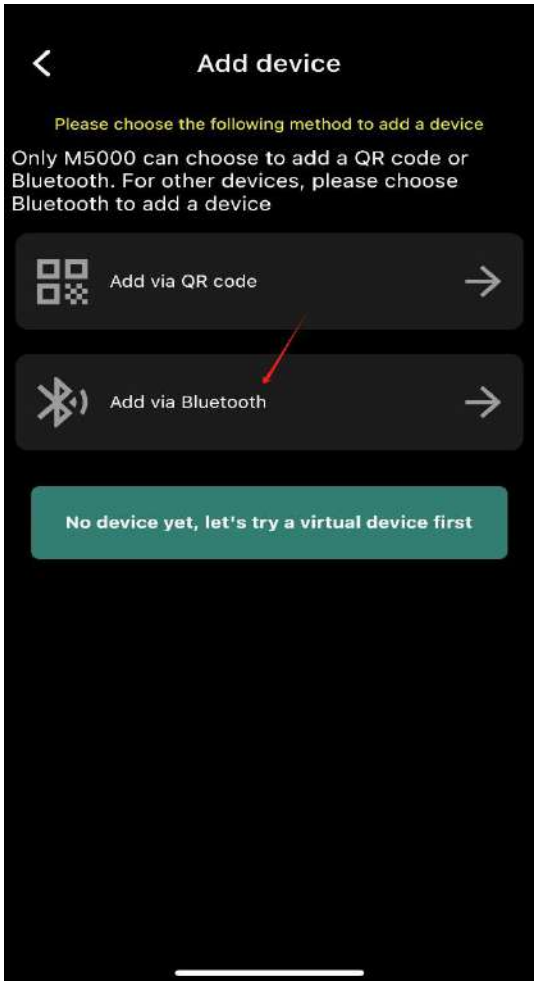
1. Add Bluetooth

Click Bluetooth Add on the Add Device page to jump to the Bluetooth Add page;

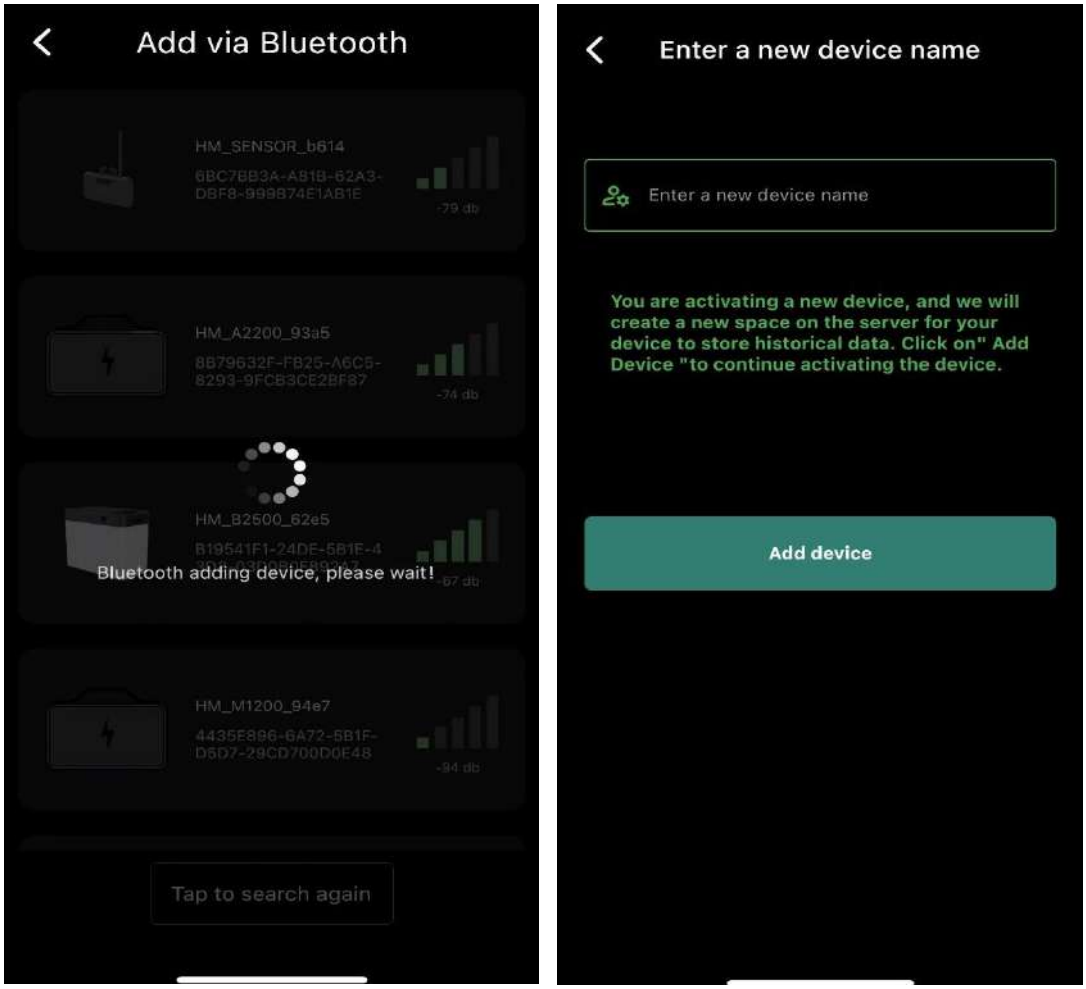
At the bottom of the Bluetooth adding page are nearby devices scanned by Bluetooth. Click the device you want to add. After loading, jump to the device naming page. Enter the name and click the [Add Device] button. The device is successfully bound and jumps to the device homepage. The device name is displayed in the upper left corner.

Note: When you enter the Bluetooth add page for the first time, a pop-up window for Bluetooth authorization may appear. You need to

agree to the Bluetooth authorization (if no pop-up window appears, you can confirm that the Bluetooth of the app has been authorized in the phone settings) and turn on the Bluetooth switch of the phone;



Note: It is not recommended to name the device too long. Click the [Click to reacquire surrounding devices] button at the bottom of the Bluetooth add page to refresh the list and obtain the latest surrounding Bluetooth devices.

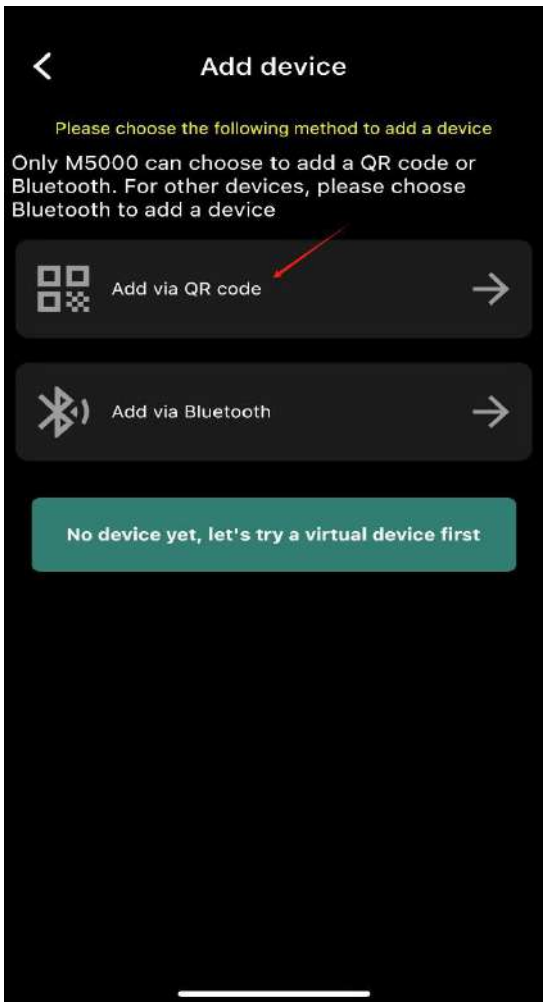


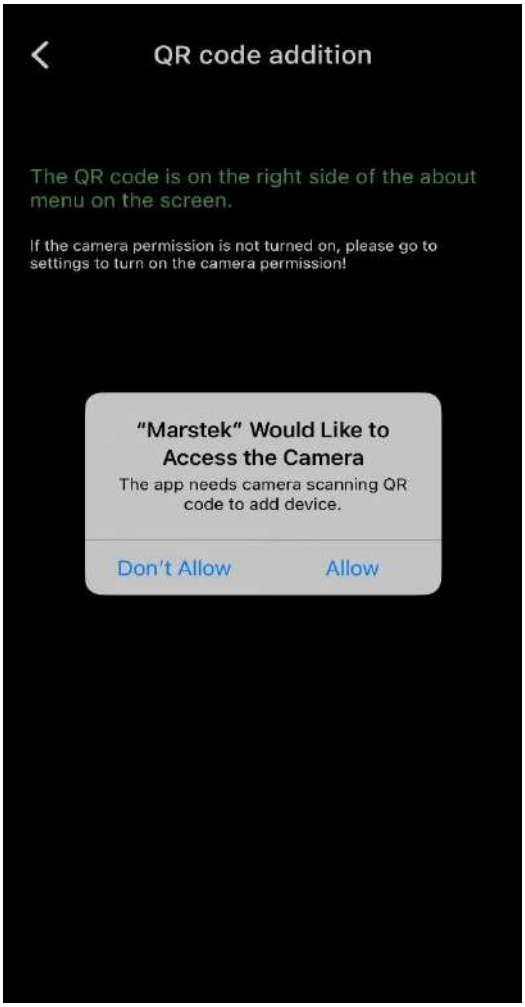
2. Add device by QR code

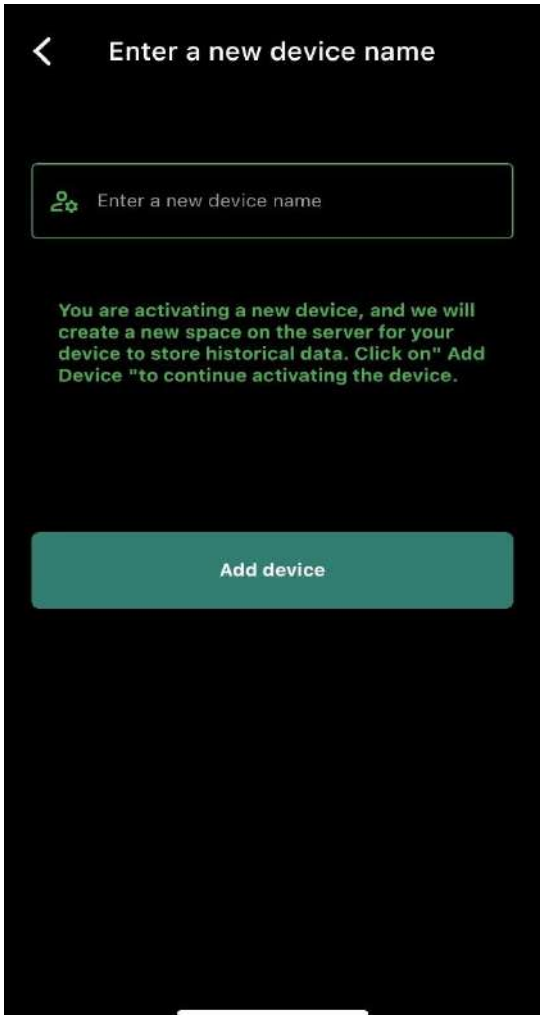
Click the QR code on the Add Device page to jump to the Scan Code page. Align the scan code box to the QR code on the device. After the code is successfully scanned, jump to the device naming page. Enter the name and click the [Add Device] button. The device is successfully bound and jump to the device homepage. The device name is displayed in the upper left corner.

Note: When the app enters the QR code scanning page for the first time, a pop-up window for camera authorization may appear, which requires your consent and authorization. (If no pop-up window is displayed, you can operate

the camera authorization in the mobile phone system.)

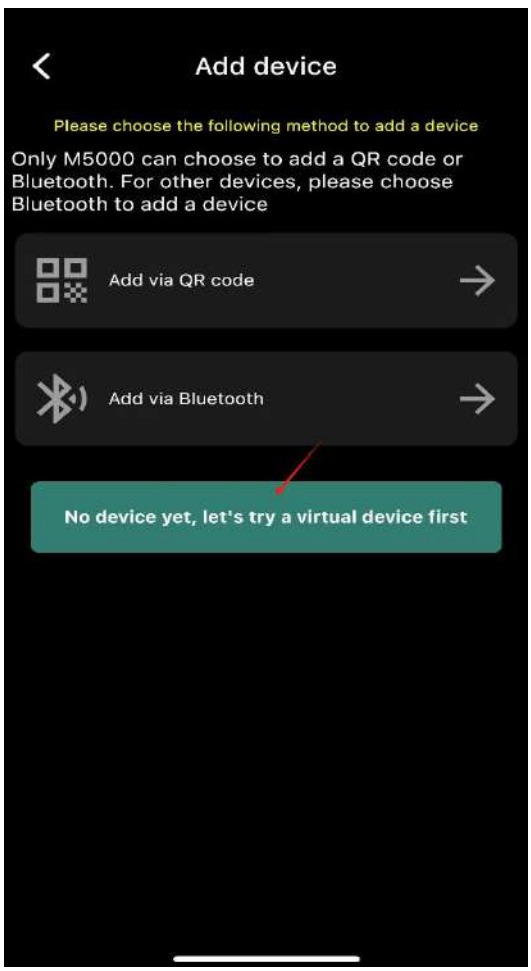


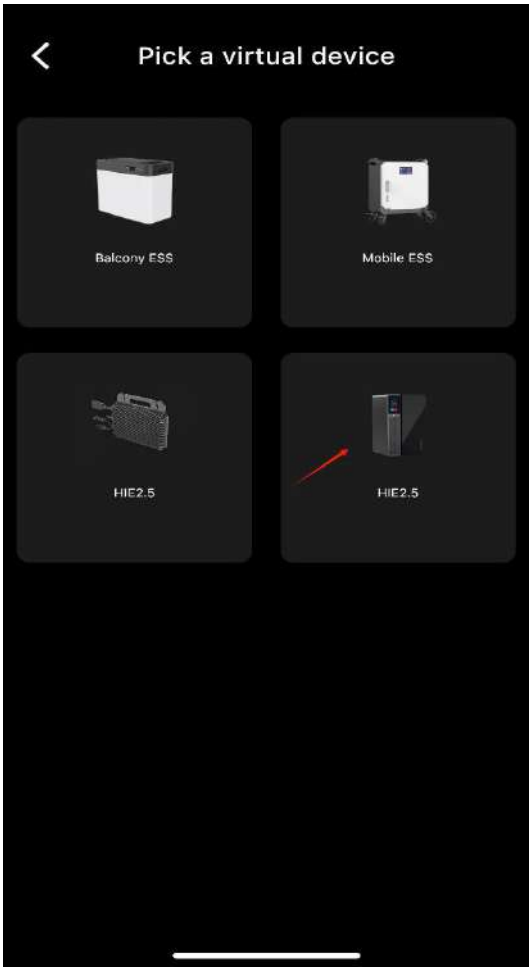




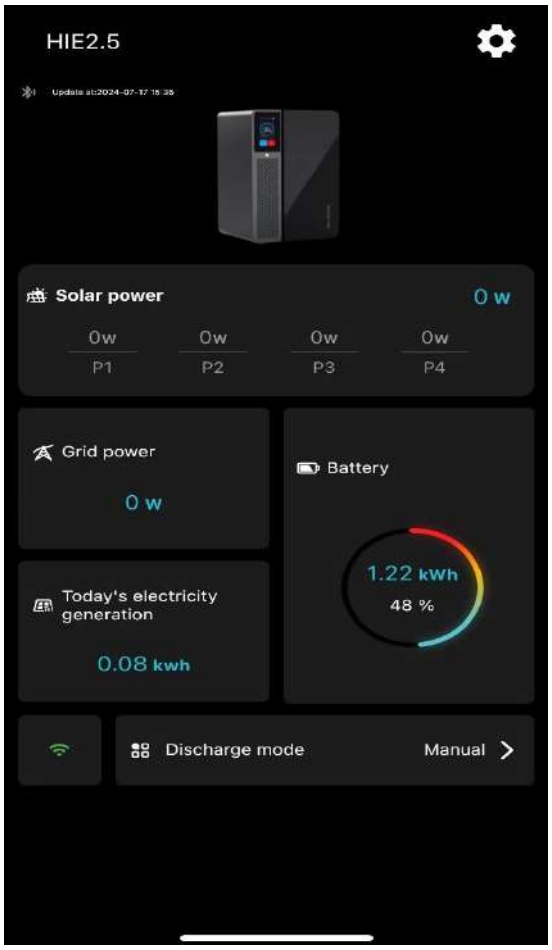
3. Experience virtual devices

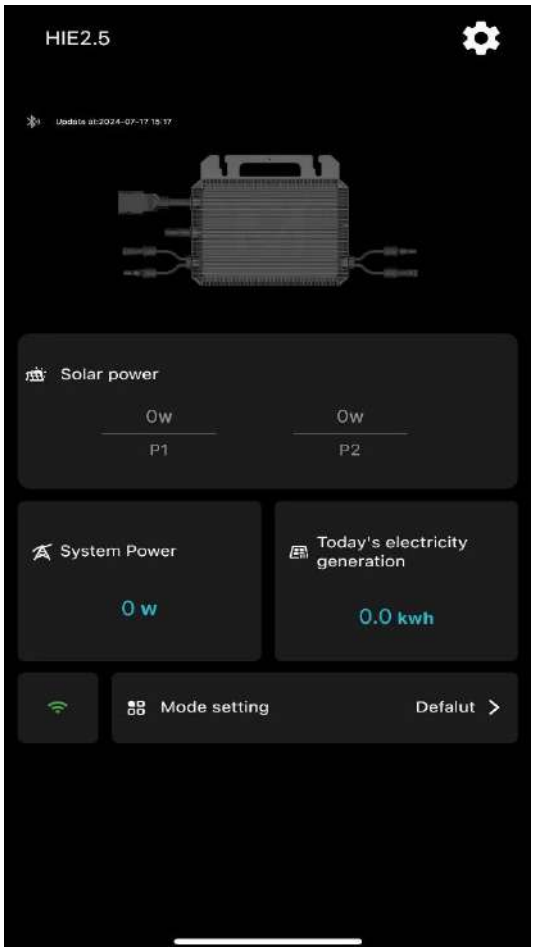
On the Add Device page, click [No device yet, let's try a virtual device first] to enter the virtual device selection page;





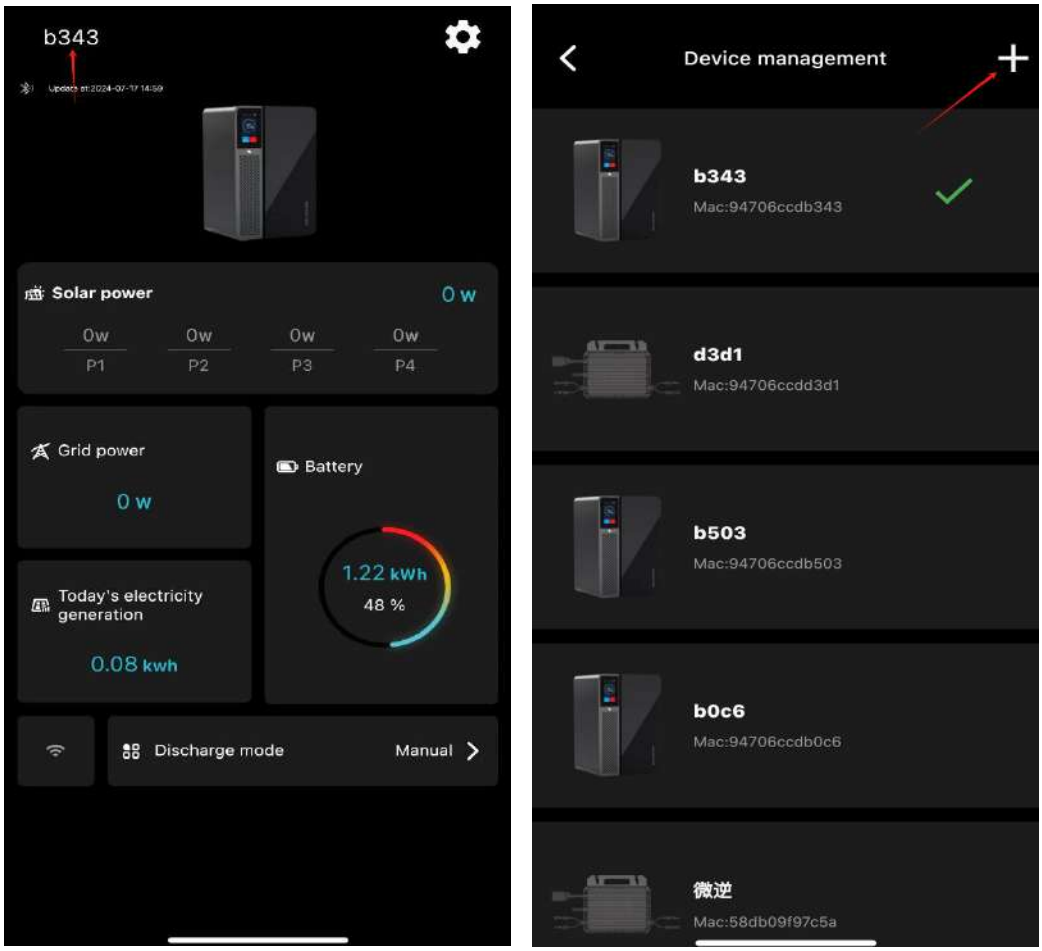
Select different virtual devices to view. The operations of virtual devices are not complete and are for reference only.





4. Equipment List

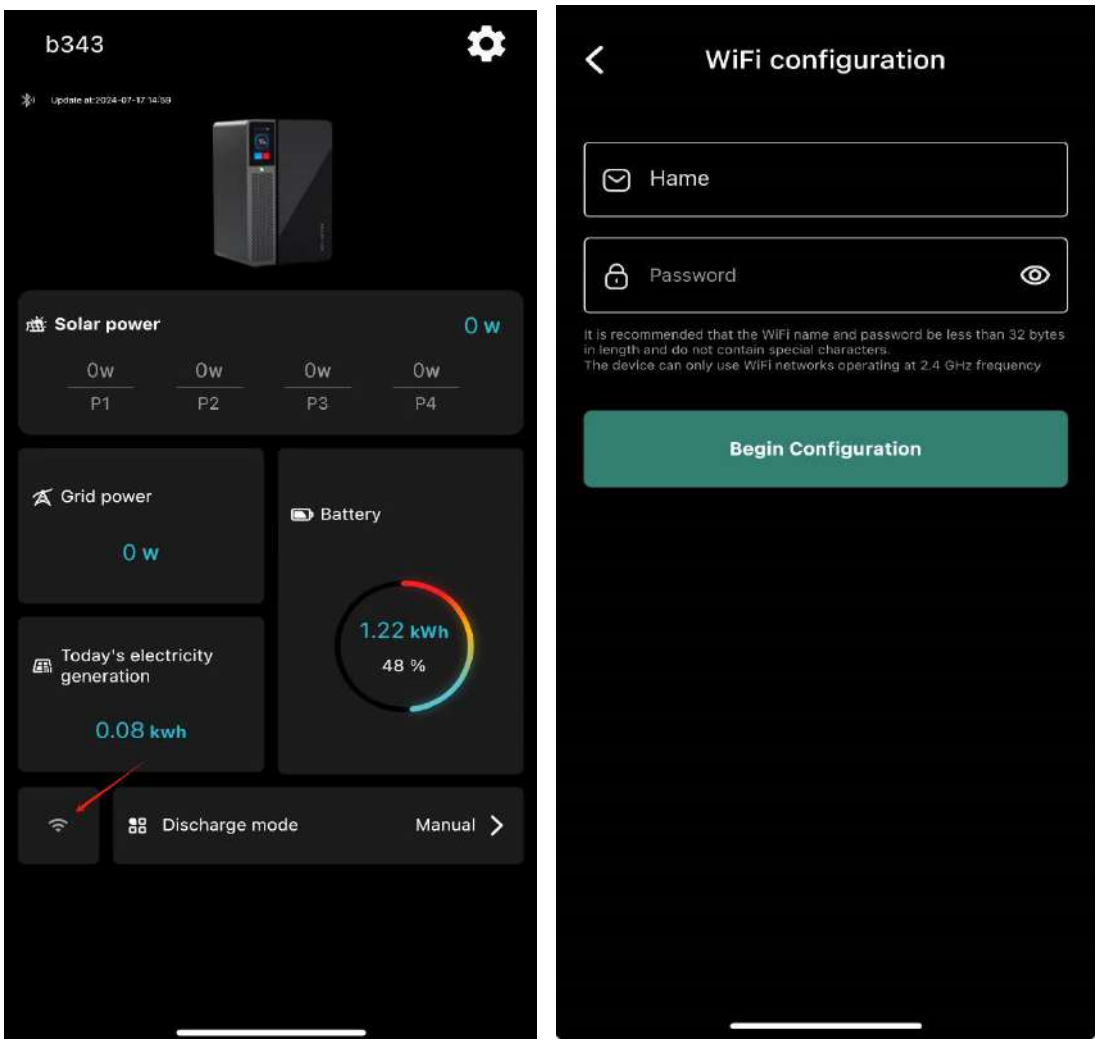
After the account is bound to the device, you can view the device list on the device management page. Click the device name in the upper left corner of the homepage to enter the device management page. One account can add multiple devices. Click the [+] button in the upper right corner of the device list to enter the Add Device page to continue adding devices.



One account can be bound to multiple devices. Switch to different devices and return to the device homepage to view the working status of different devices.

5. Network distribution

After adding the device, you need to configure the network for the device while connected to Bluetooth. There is a wifi logo on the device homepage. Click it and enter the wifi name you want to connect to (the wifi name connected to the phone is automatically filled in), enter the password, and click [Begin Configuration]. After the network configuration is successful, the device can be connected to the Internet.



4. Communication method between app and device

1. Bluetooth communication (Bluetooth logo light)

After adding the device, you can see the Bluetooth indicator light on the home page;

Bluetooth light is green: the APP is connected to the device via Bluetooth and Bluetooth communication is possible;

Bluetooth light is gray: the APP is not connected to the device via Bluetooth, and Bluetooth communication is not possible;

2. MQTT communication (wifi sign light)

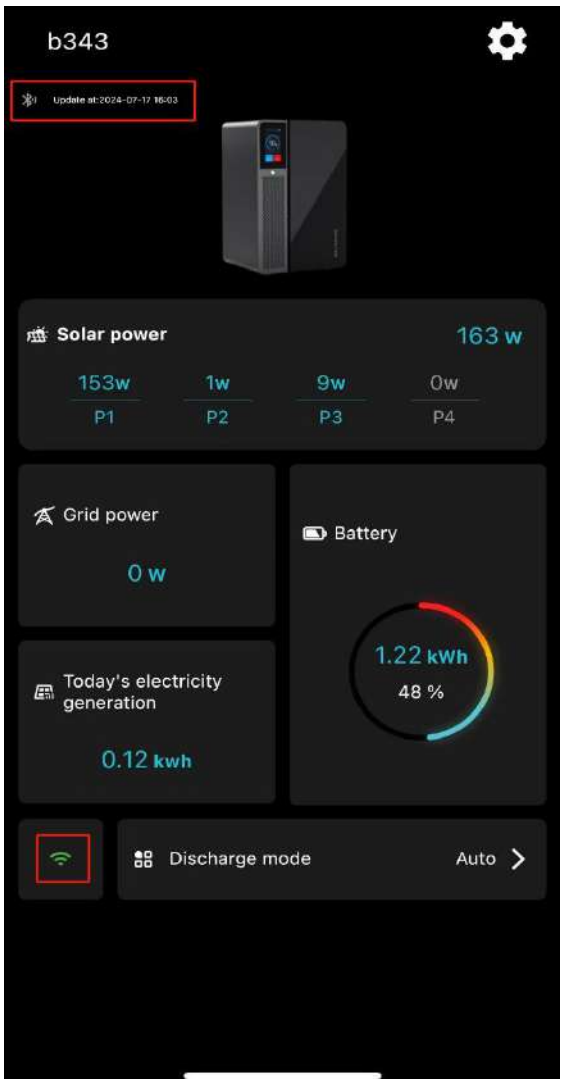
After adding the device, there will be a wifi light on the home page, indicating that the app is communicating with the device through MQTT.

Wifi green : MQTT communication between the app and the device is normal;

If the Bluetooth is connected to Wifi and the color is yellow, it means that the MQTT communication between the app and the device is disconnected (usually the device reports an abnormal MQTT message); if the Bluetooth is connected to Wifi and the color is gray, it means that the device is disconnected from the network and you can try to reconnect to the network;

If Bluetooth is not connected to Wifi and the display is gray, it means that the MQTT communication between the app and the device is disconnected. You can try to pull down to refresh the page or restart the app to reestablish the connection.

Note: If one of Bluetooth and WiFi is green, the app can communicate with the device; if both are green, the app will prioritize displaying device information obtained through Bluetooth communication;



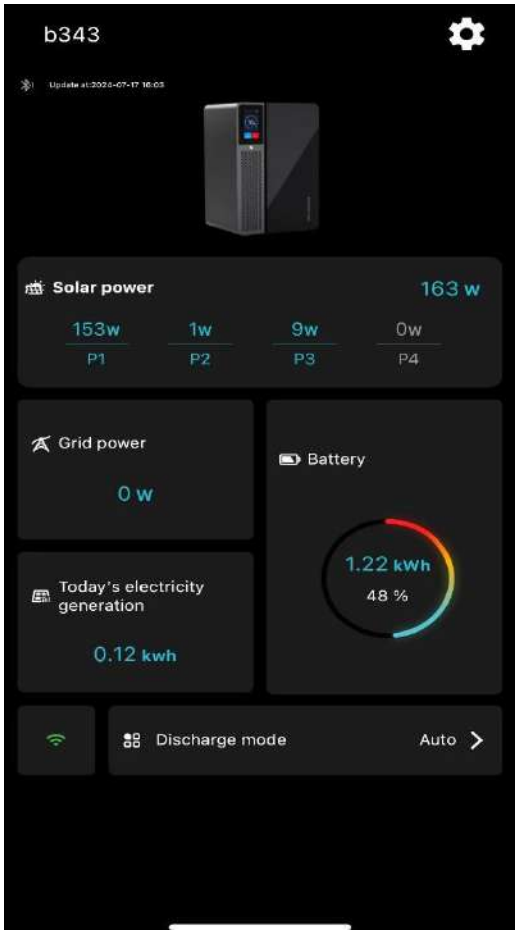
5. View/operate the device via APP

1. Check the real-time working status of the equipment

After binding the device, you can view the real-time working status of the device on the app if the communication is normal; the home page shows the photovoltaic power, mains power, today's power generation, battery power and discharge mode;

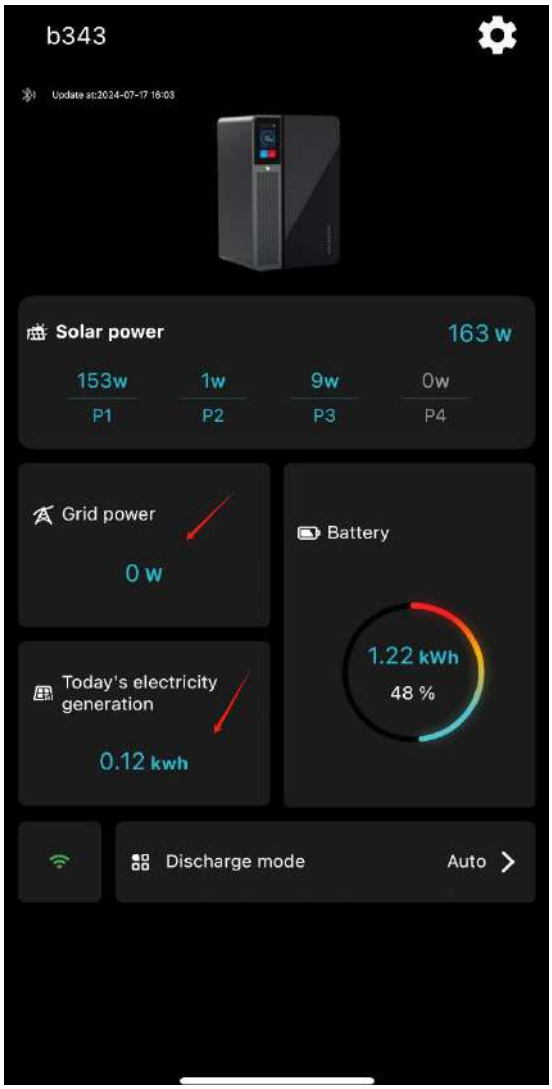
Note: After the APP loses communication with the device, the cache data of

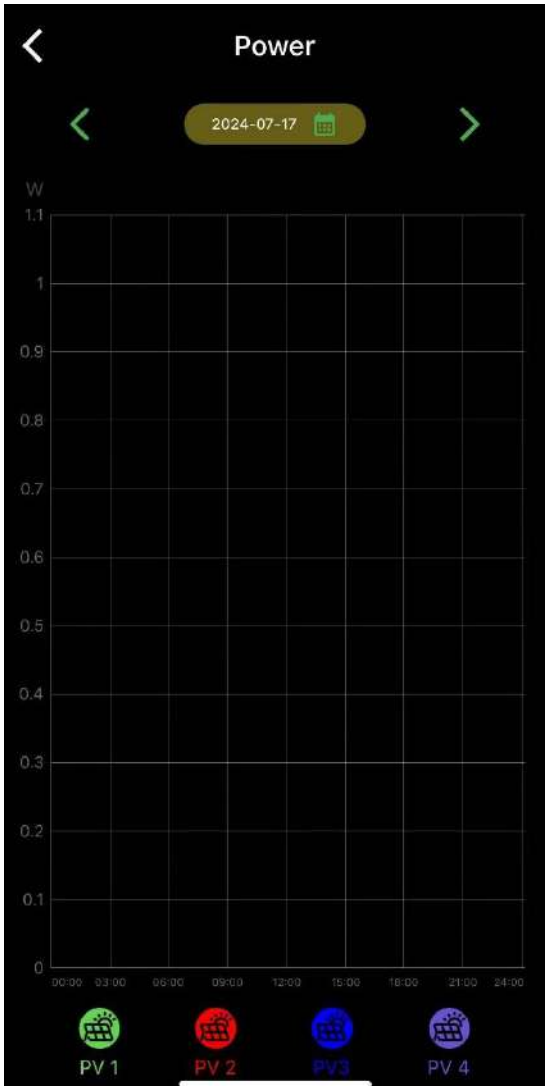
the last communication will be displayed by default. If the cache is empty, 0 will be displayed;



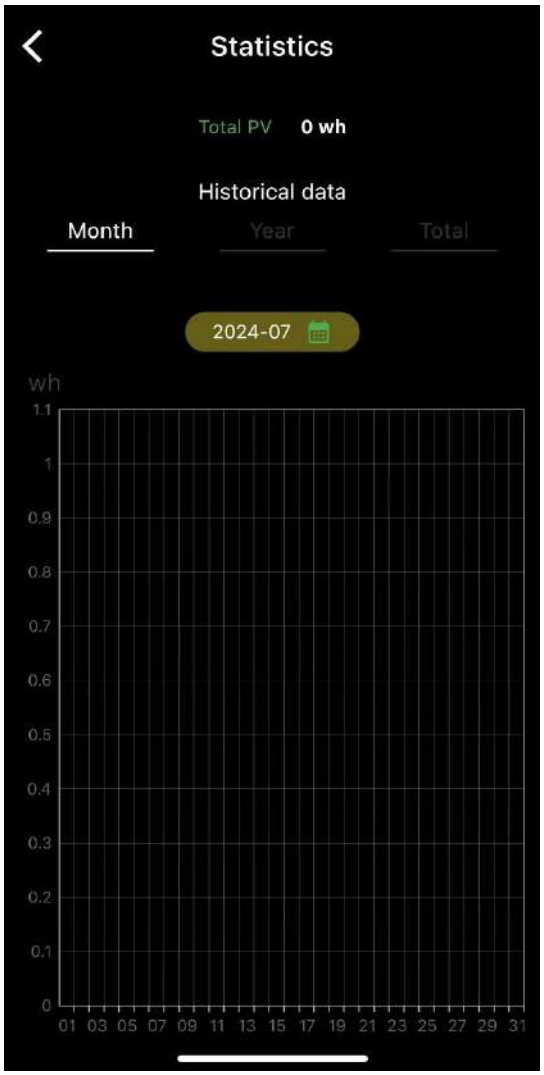
2. View device historical data

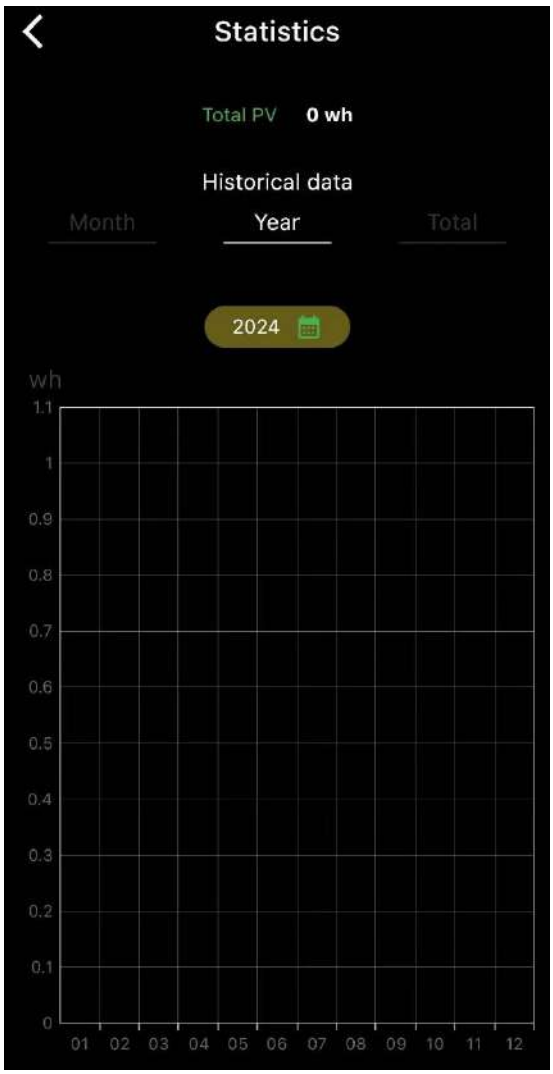
Click [Grid Power] on the home page to enter the power page;





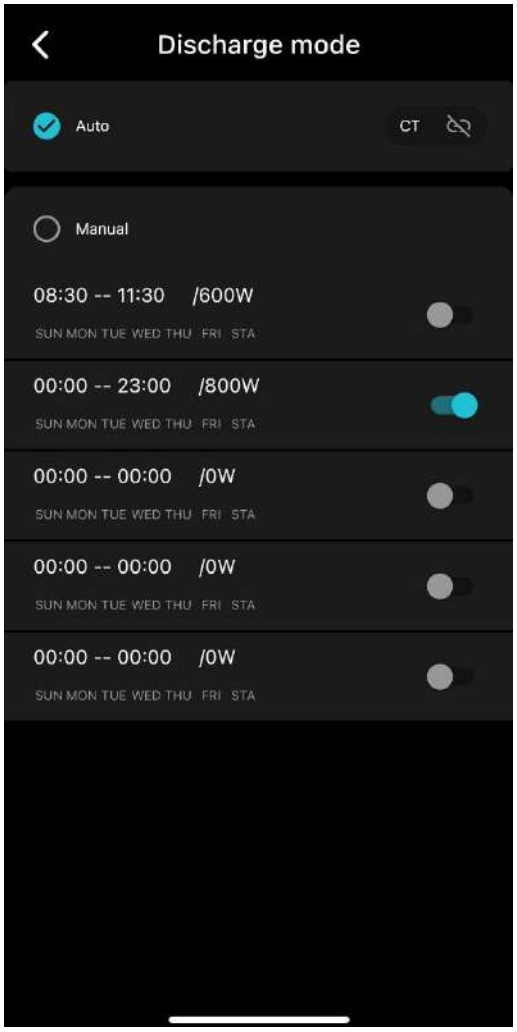
Click [Today's electricity generation] on the homepage to view historical statistics;



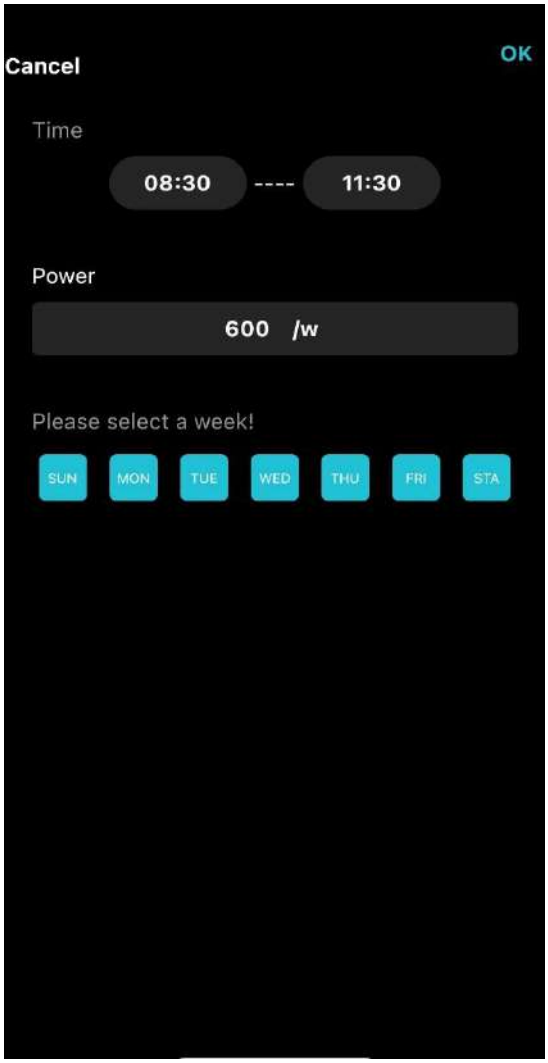


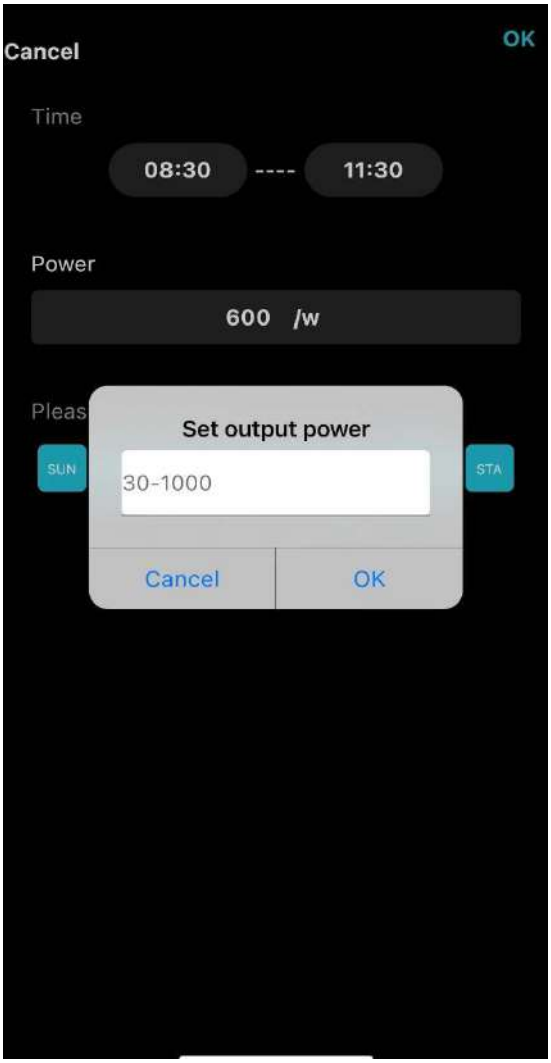
3. Operation equipment working mode

Click Discharge Mode on the home page to enter the Discharge Mode page. The automatic mode is selected by default.



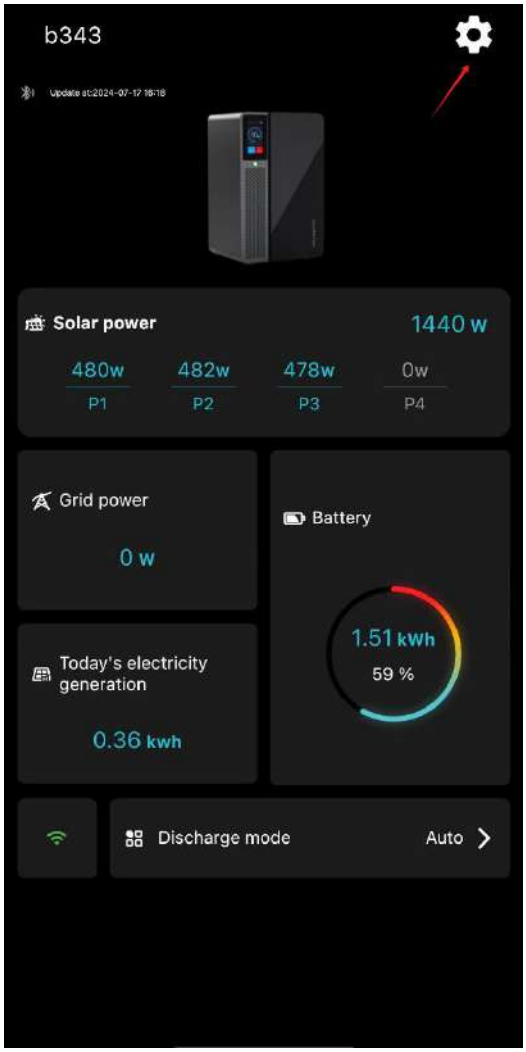
There is a list of discharge time periods under the manual mode. Click any time period to set the time, power and cycle. After the settings are completed, save the switch and turn it off by default. Turn on the switch to make the settings take effect.

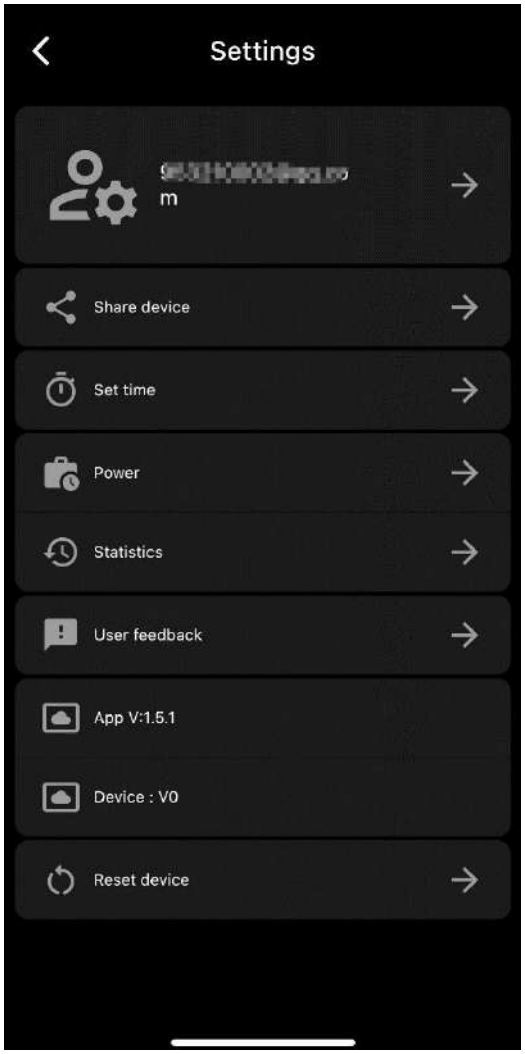




5. Basic functions of the settings page

Log in to the APP, enter the homepage, click the settings button in the upper right corner to enter the settings page;





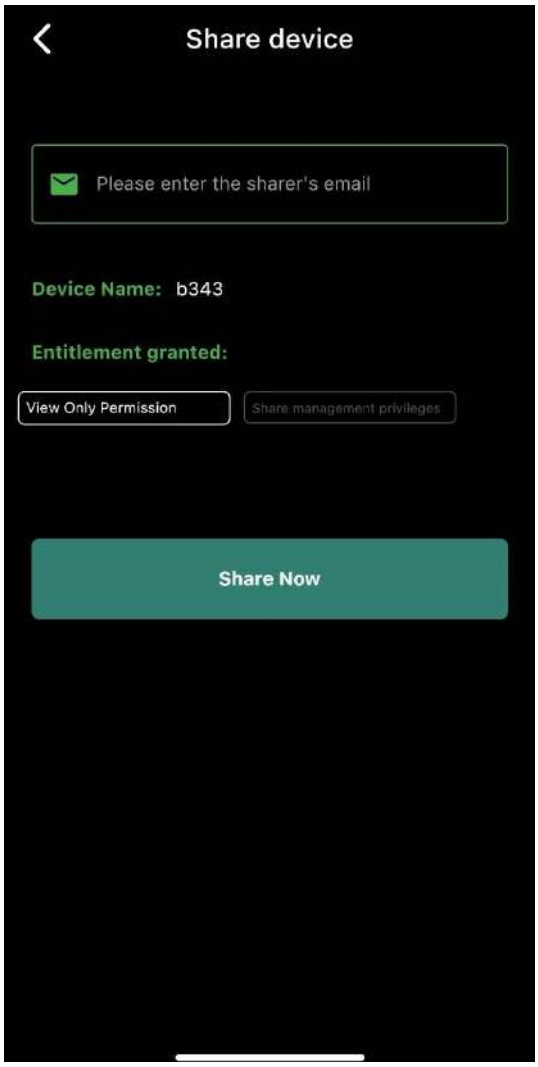
1. Share devices

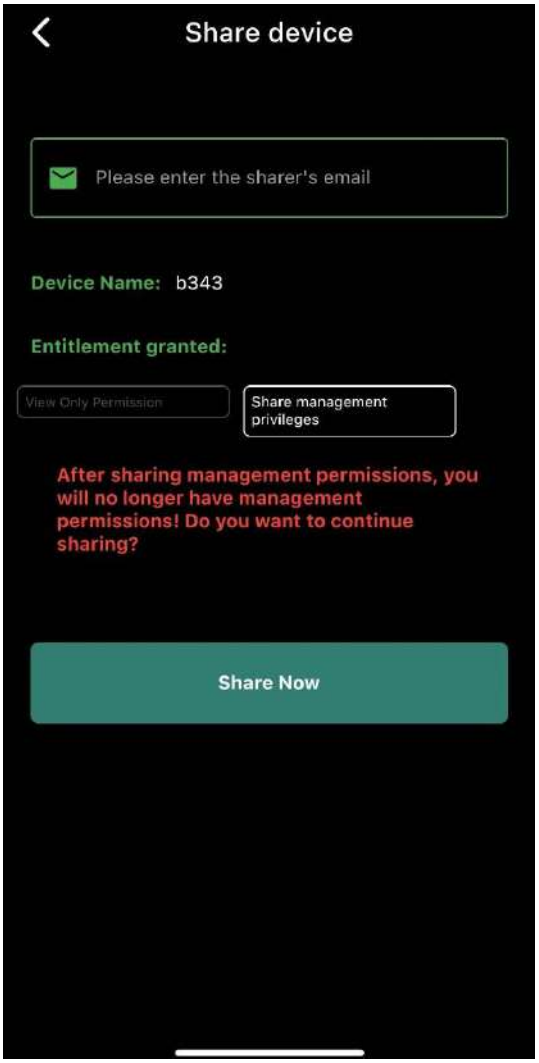
Click Share on the Settings page to enter the Sharing page;

Enter the email address of the person you want to share with, and select the permissions you want to grant: you can choose between [View Only Permission] and [Share management privileges];

If you share [View Only Permission], the person you share with can only view the parameters of the device. If the person you share with deletes the device on the app, it will not affect your binding relationship with the device.

If you share the [Share management privileges] permission, the person you share with can operate the device . If the person you share with deletes the device in the app, you will not be able to see the device under your account.

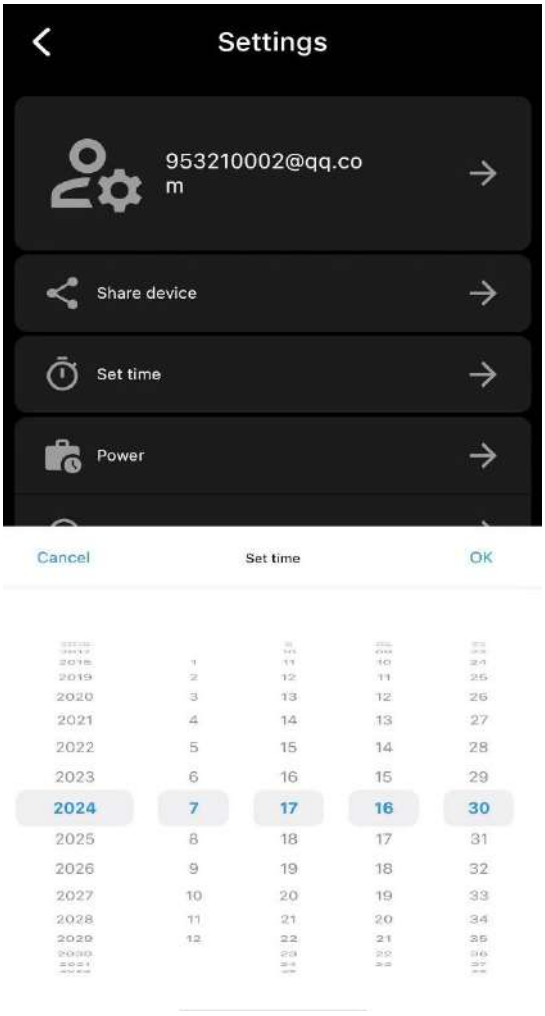




2. Set the time

Click Set Time on the Settings page and a pop-up window will appear to select a time;

After selecting a specific time, click OK and the time on your device will be changed;

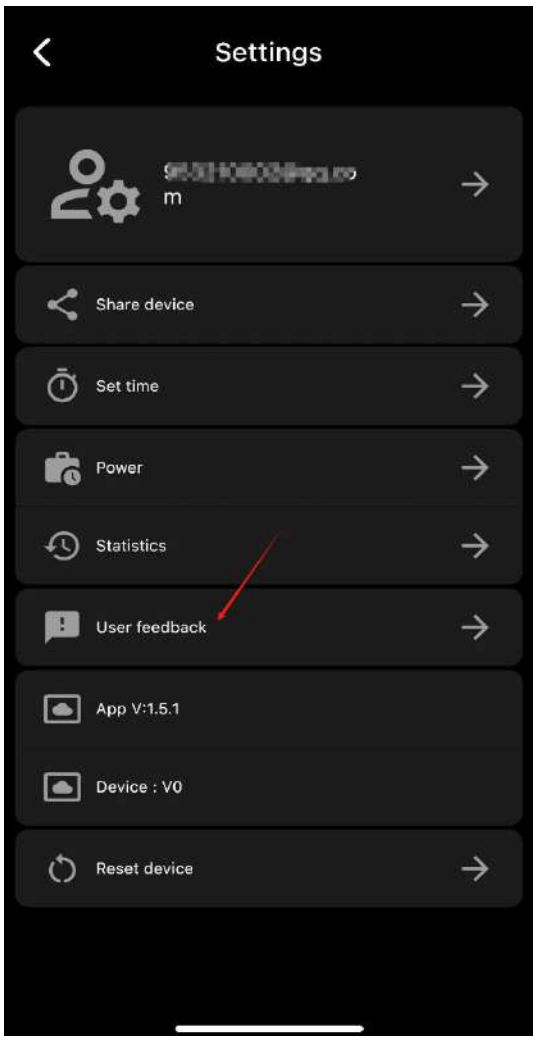


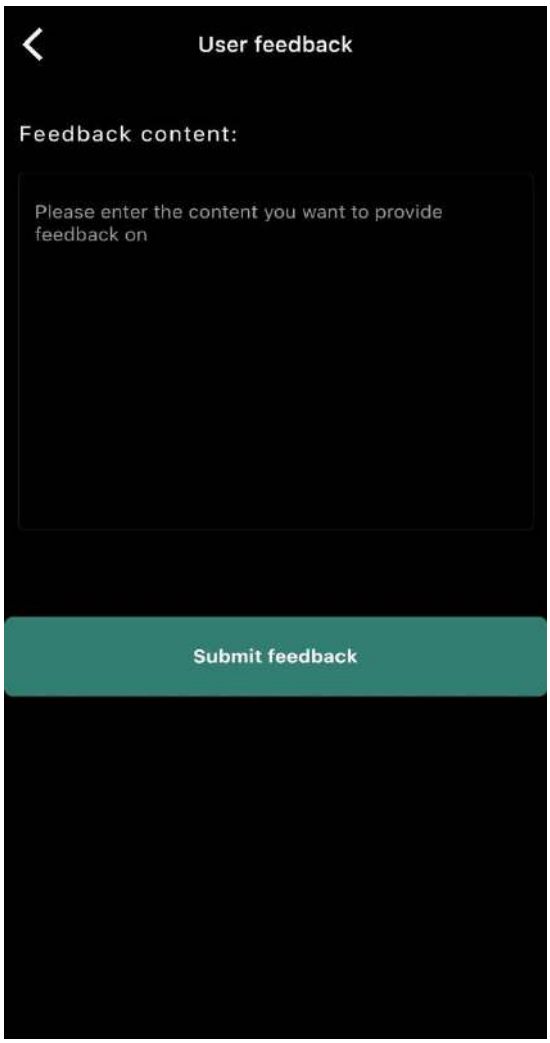
3、 Power + Historical Statistics

Click Power to enter the Power page, and click History Statistics to enter the History Statistics page. The functions are the same as those on the device homepage.

4. User feedback

There is a user feedback entry on the settings page. If you have any questions during use, you can click User Feedback, describe the problem and give us feedback. Our after-sales staff will contact you as soon as possible.





4、 APP version number

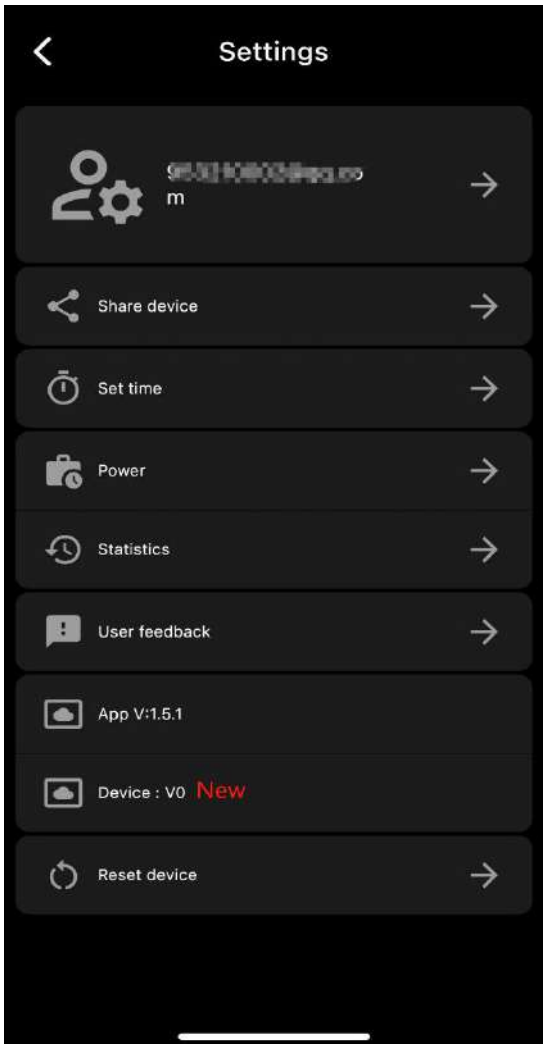
Display the current version number of the APP

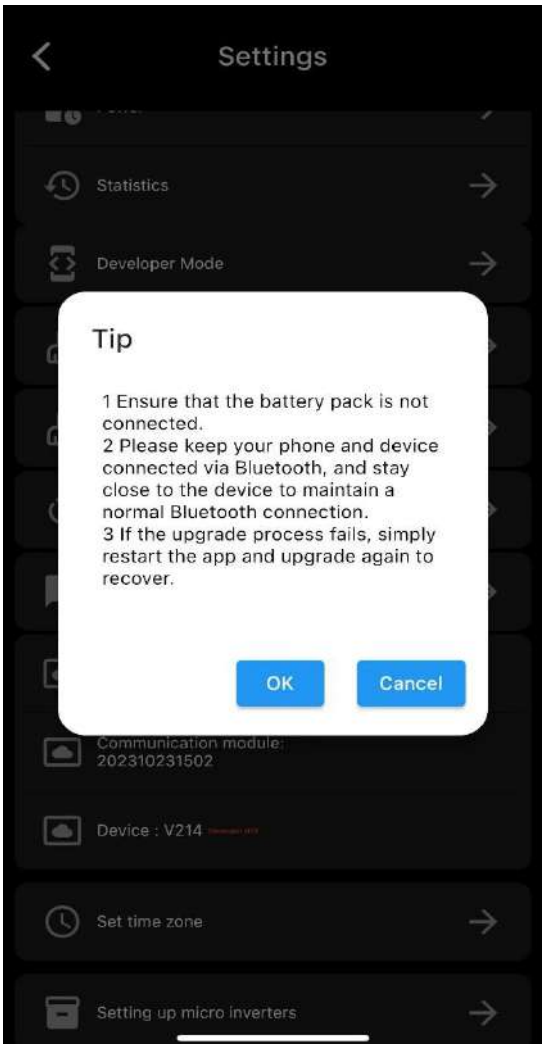
5. Equipment upgrade

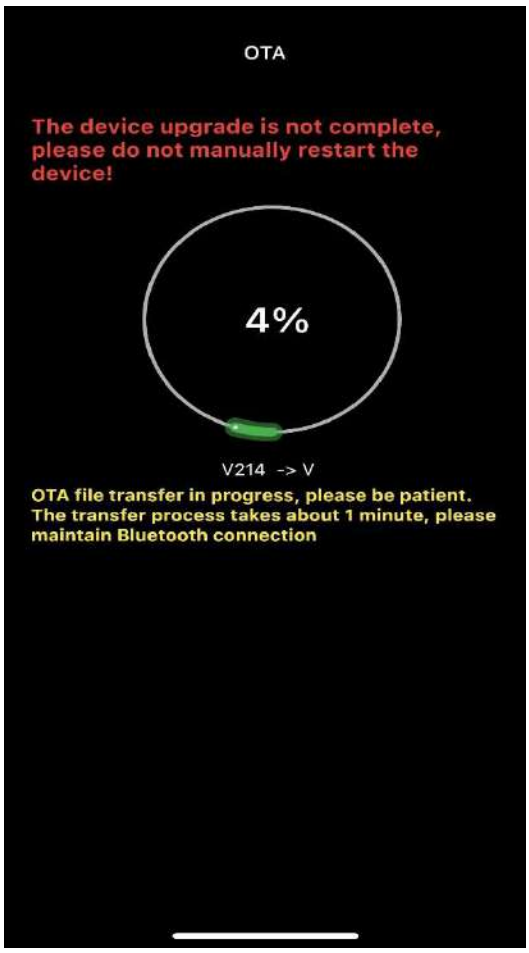
If the device has the latest upgrade package, there will be a new prompt after the device version number on the settings page. Click it and an upgrade pop-up window will appear. After confirming, you will enter the upgrade page;

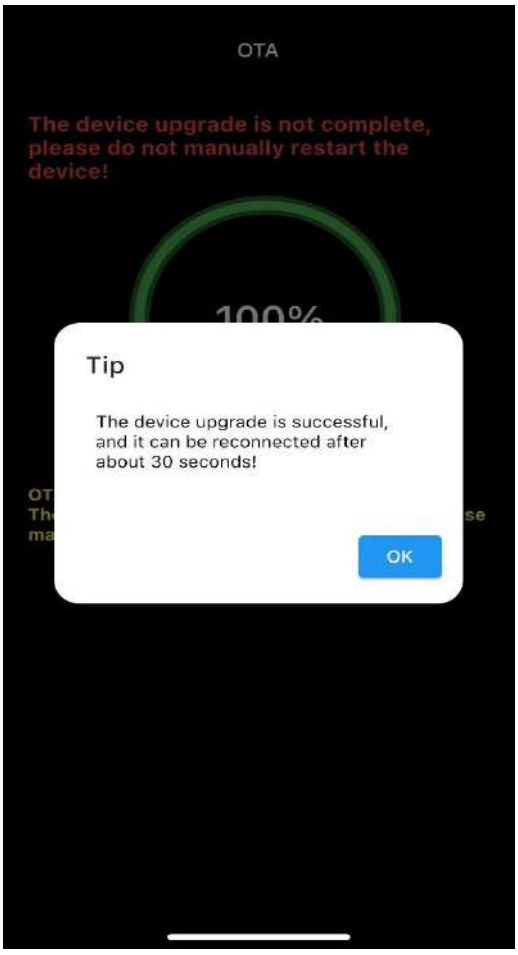
The upgrade process requires Bluetooth to remain connected at all times. After a successful upgrade, the device will restart. If the upgrade fails, the upgrade prompt will appear the next time you enter the app, and you can

upgrade again.



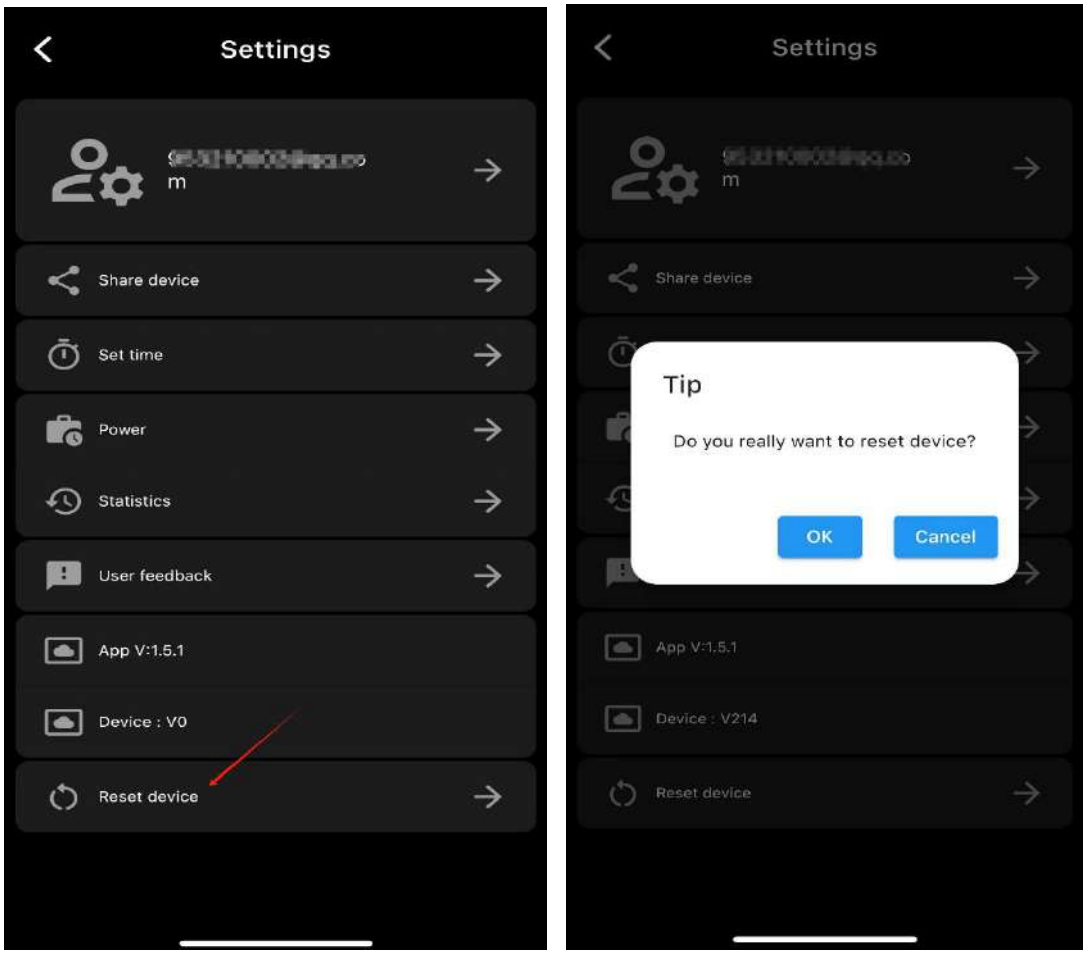






6. Restore factory settings

On the Settings page, click Restore Factory Settings. A confirmation window will pop up. After confirmation, the device will restart and restore to the original factory settings.


Settings
m
Share device
Set time
Power
Statistics
User feedback
App V:1.5.1
Device : V0
Reset device
Settings
m
Share device
Tip
Do you really want to reset device?
OK
Cancel
App V:1.5.1
Device : V214
Reset device