

## 1. APP Download

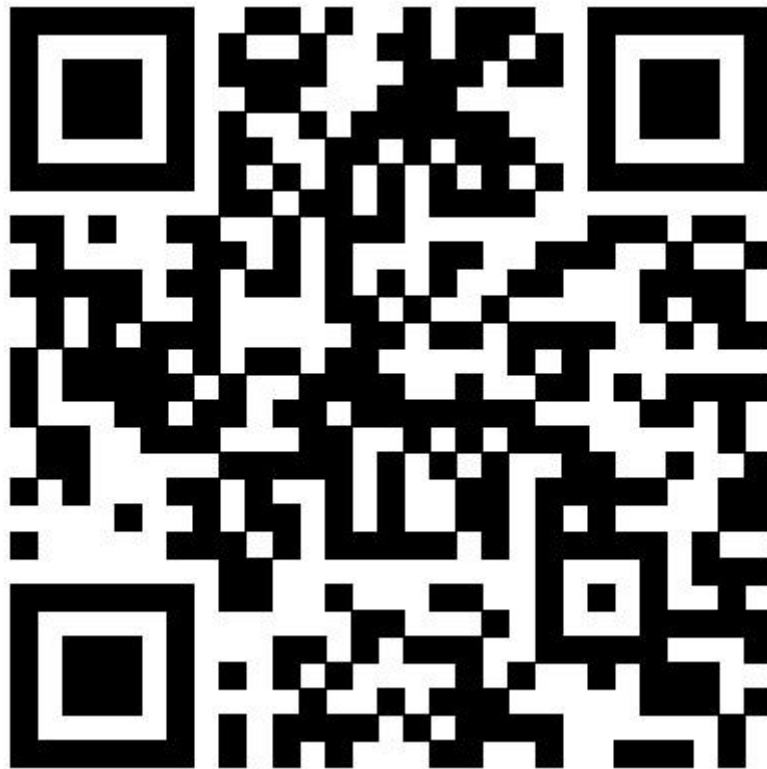
1. **Android download:** Google Play

2. **iOS download:** APP Store

**Download link:**

<https://eu.hamedata.com/ems/apk/marstek/index.html>

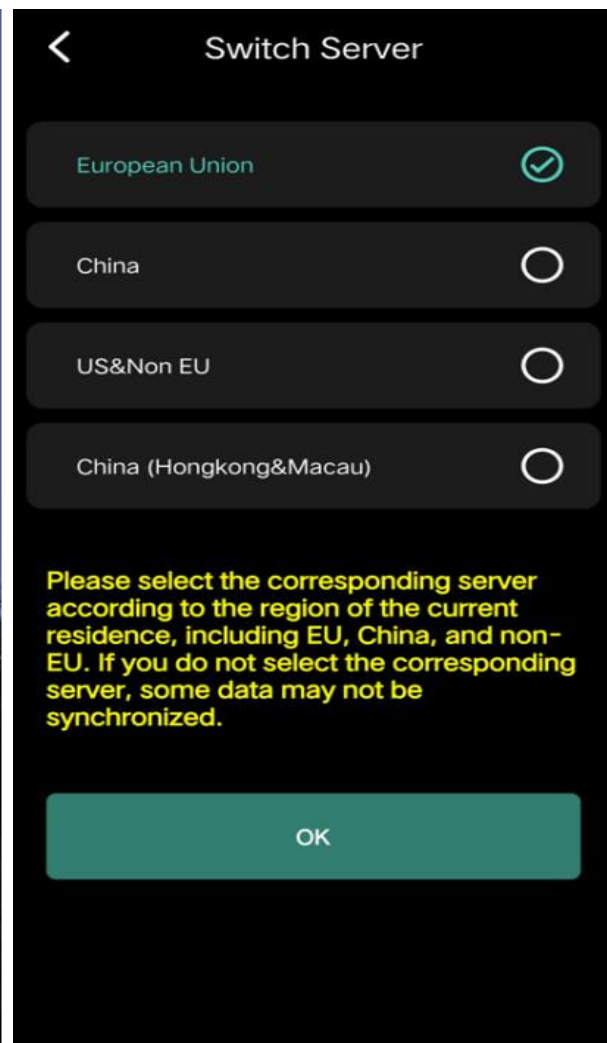
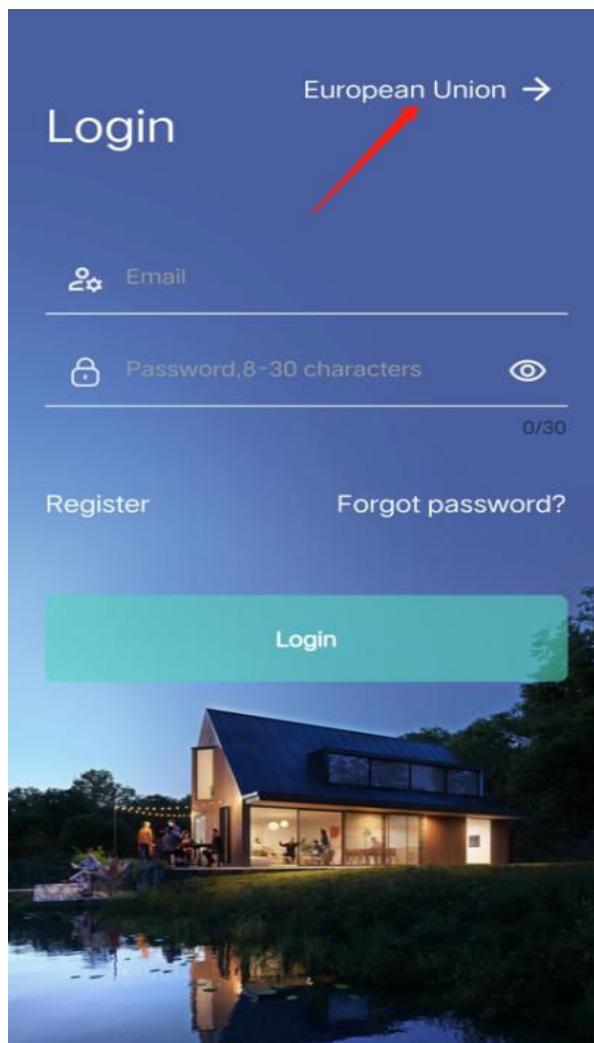
**QR code download :**



## 2. Account Registration/Login

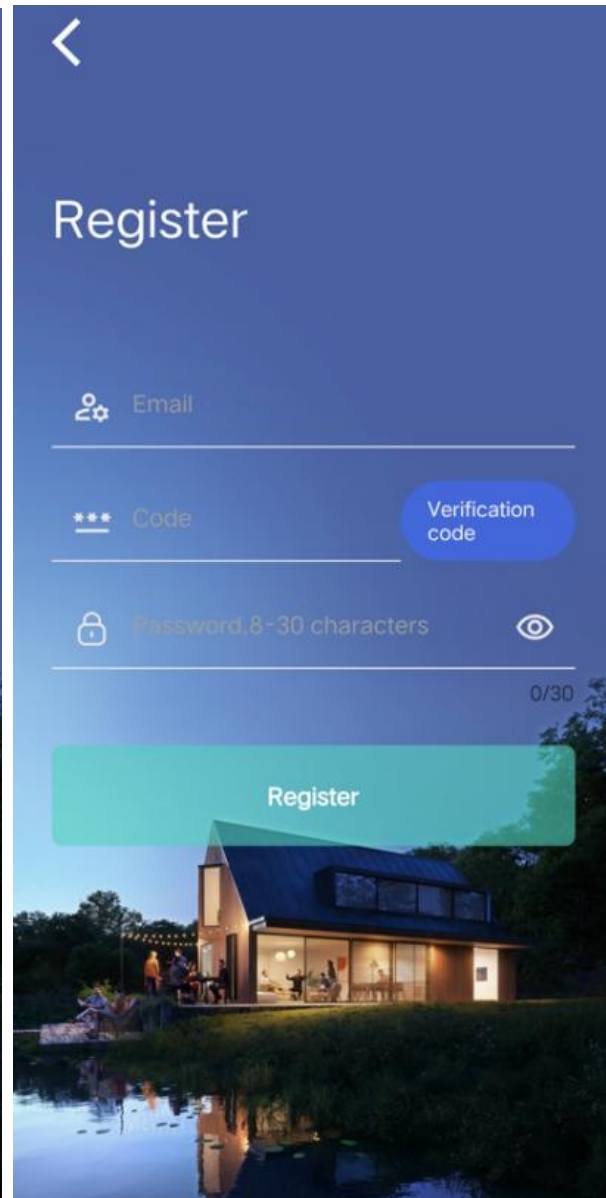
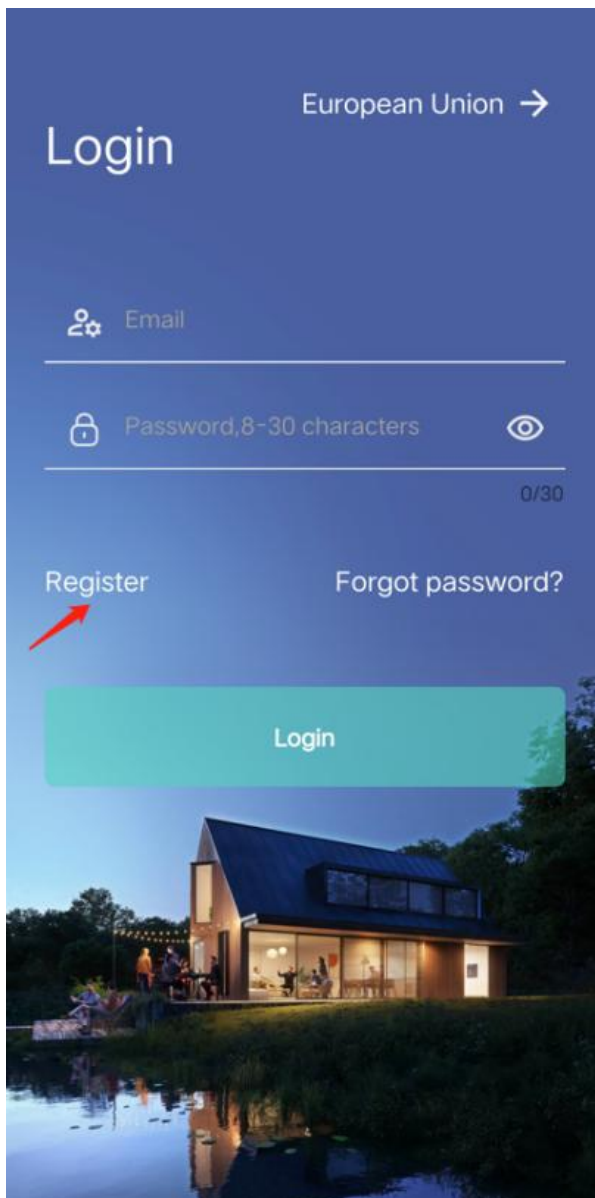
### 1. Select a server

Select the server corresponding to the region where the device is located, click the [OK] button after selection, and enter the login page. The upper right corner of the login page is the entrance to



## 2. Register

Enter your email, verification code and password as required (the length is required to be 8-30 bytes); click the [Register] button to complete the registration. After successful registration, a prompt box indicating successful registration will pop up and then automatically return to the login page;



### 3. Log in

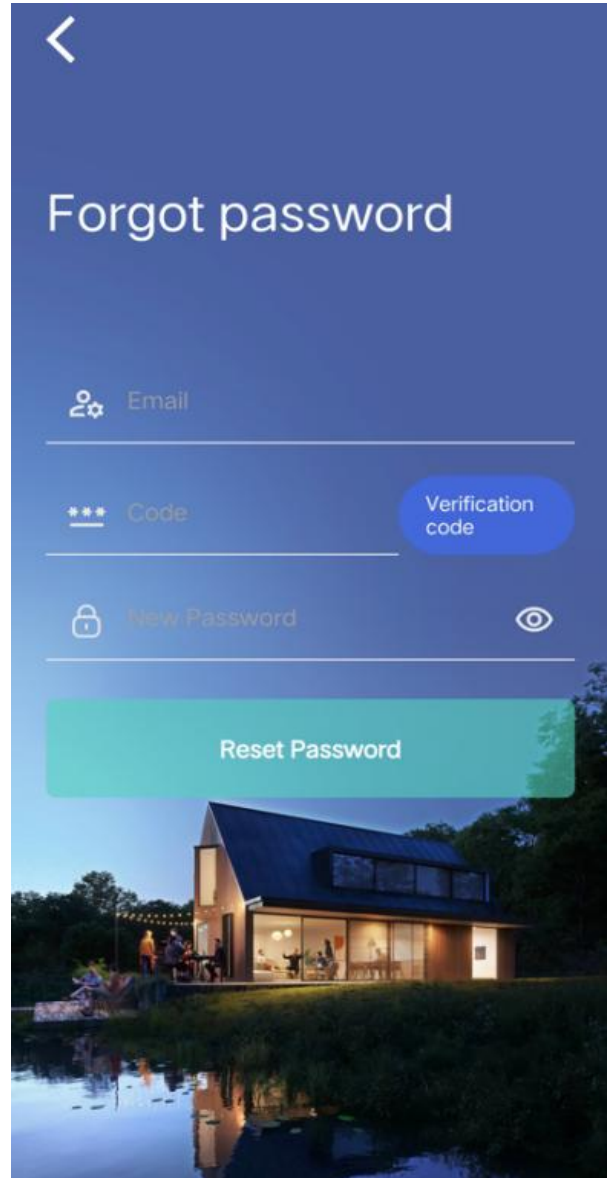
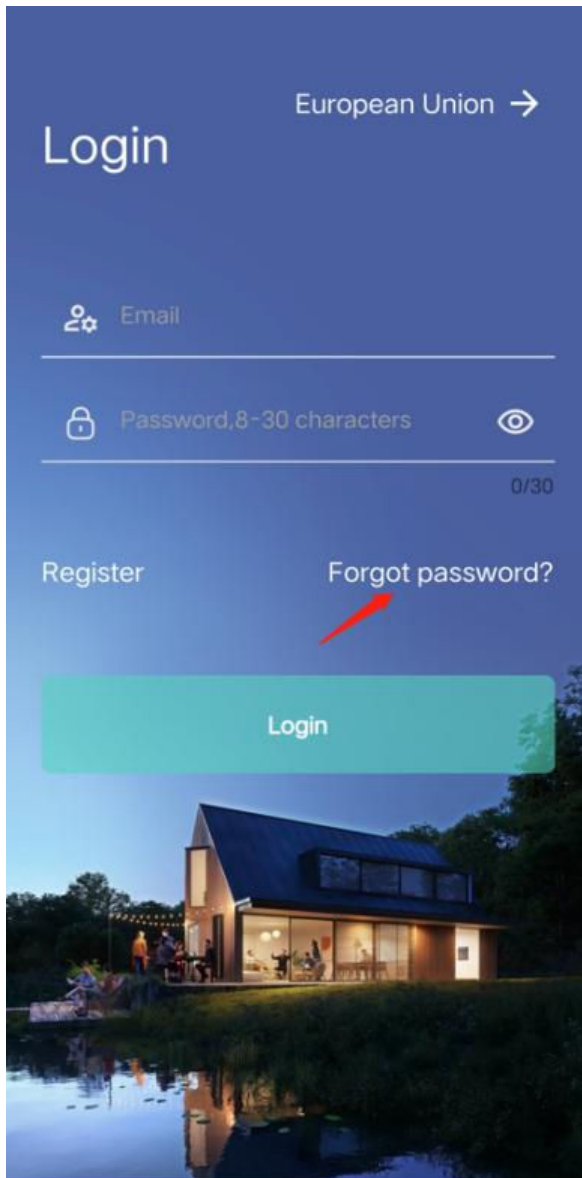
Enter the registered email address and password, click the [Login] button, and the login is successful;

Note: The server selected in the upper right corner of the login page needs to be consistent with the account server logged in. To register an account under a certain server, just select that server to log in. Accounts on different servers are not interoperable;

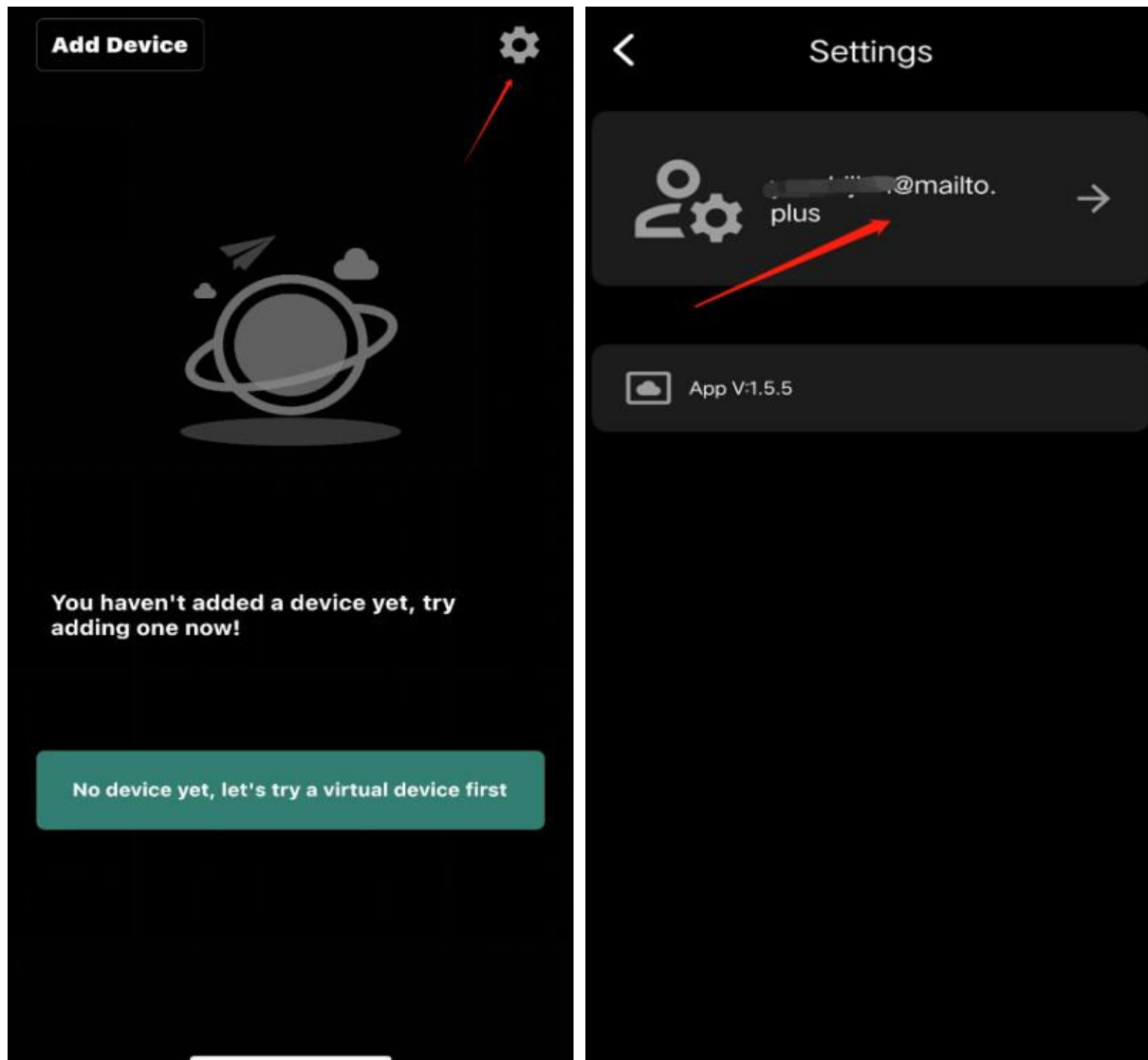
### 4. Forgot password

There is a [Forgot Password] entry on the login page; enter your email, verification code and new password (8-30

bytes), click the [Reset Password] button, and you will be prompted to log in with the new password after the reset is successful;



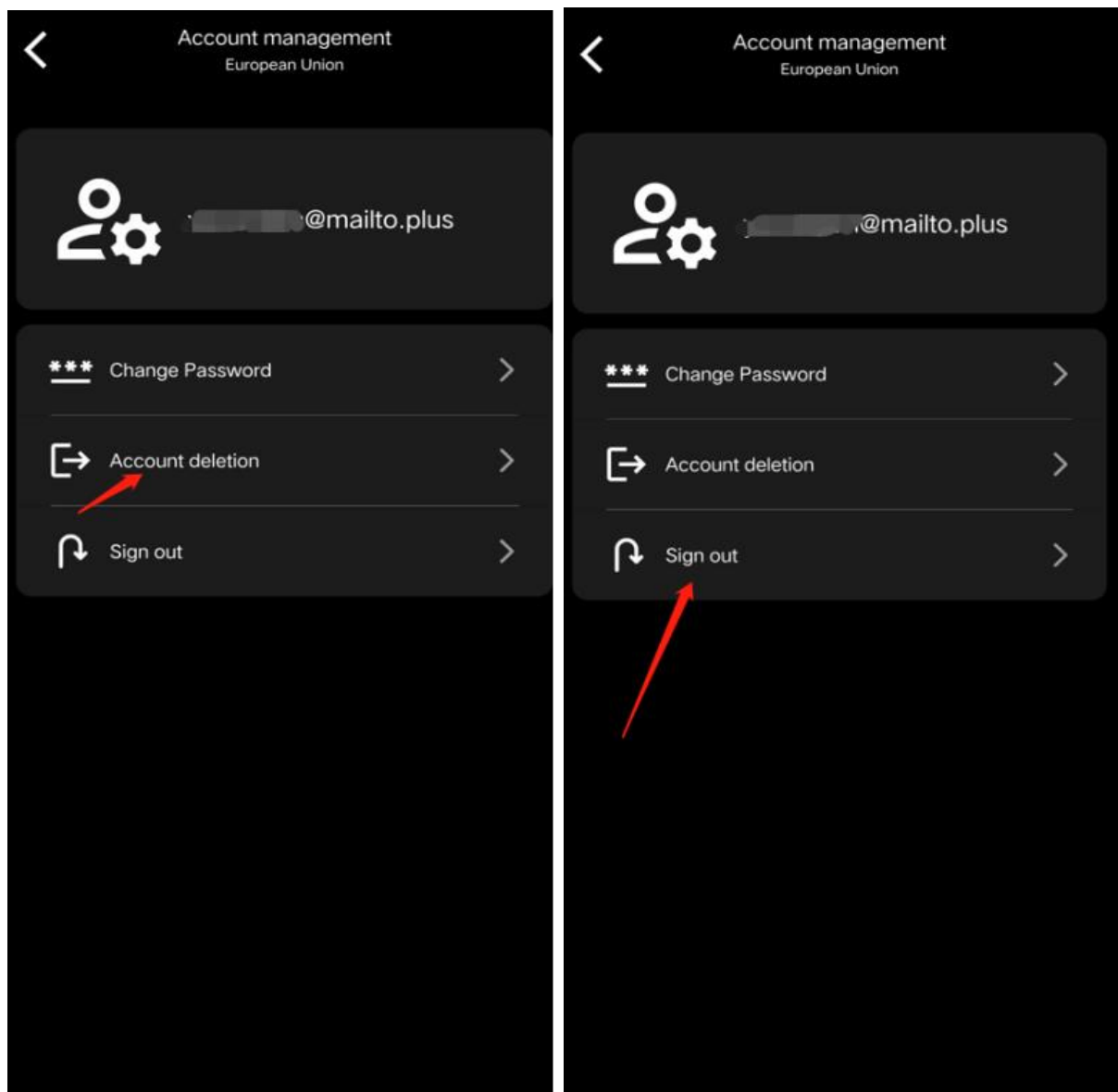
5. Account management—change password/log out/log out  
After successful login, jump to the home page, click the [Settings] button in the upper right corner to enter the settings page; click on the email number to enter the account management page, where you can perform the following operations on the account;



Modify password: Enter your email address, original password and new password (8-30 bytes), click the [Modify Password] button, it will prompt that the password has been modified successfully, and you can use the new password to log in next time;

Log out: Click [Log out], the account will be logged out, and you need to log in again next time you enter the app;

Cancel account: Enter your email and password, click the [Account Cancel] button, it will prompt that the account has been cancelled. The canceled account cannot be logged in again and you need to register again.

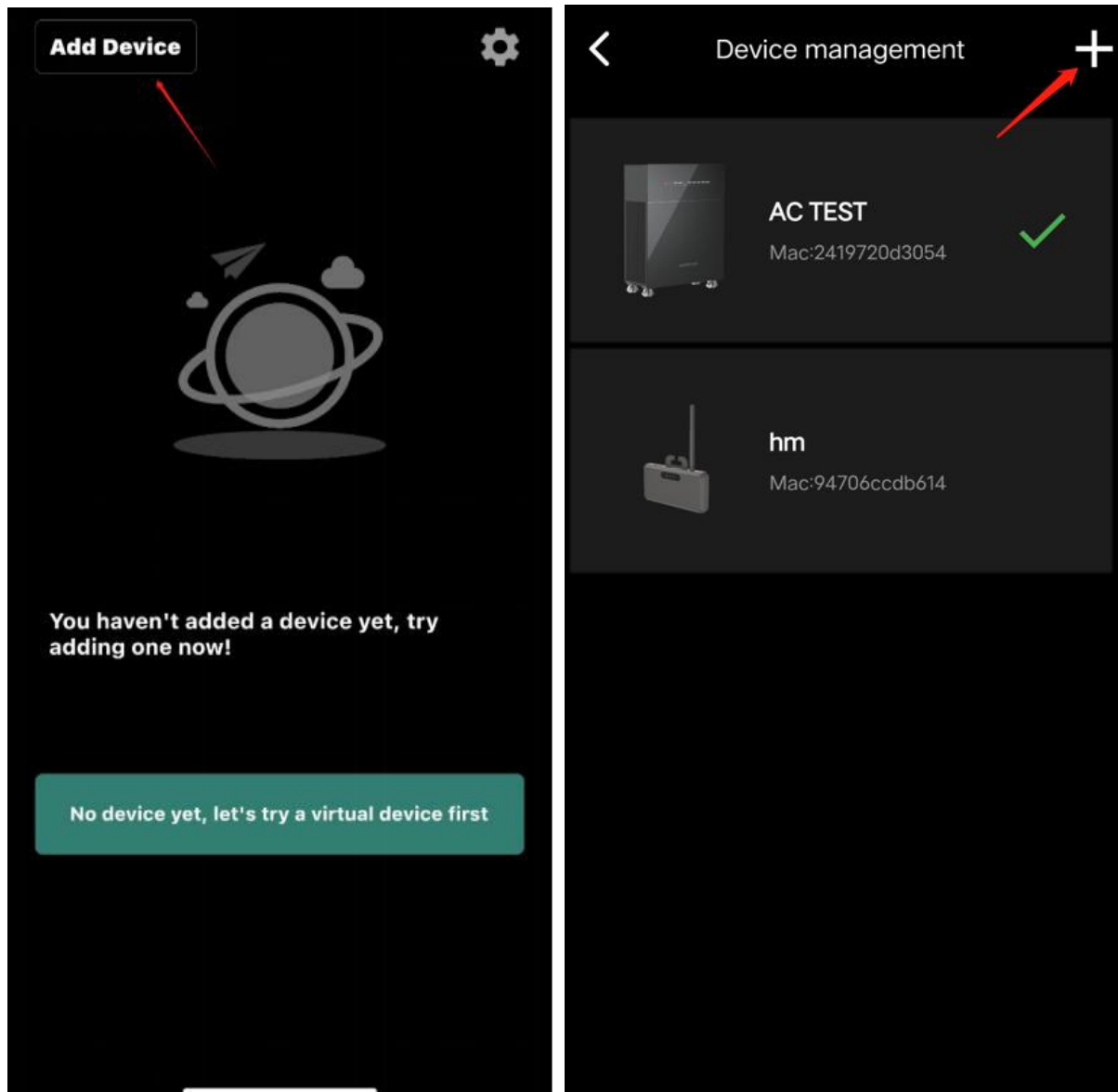


### 3. Add equipment

#### 1. Add entrance

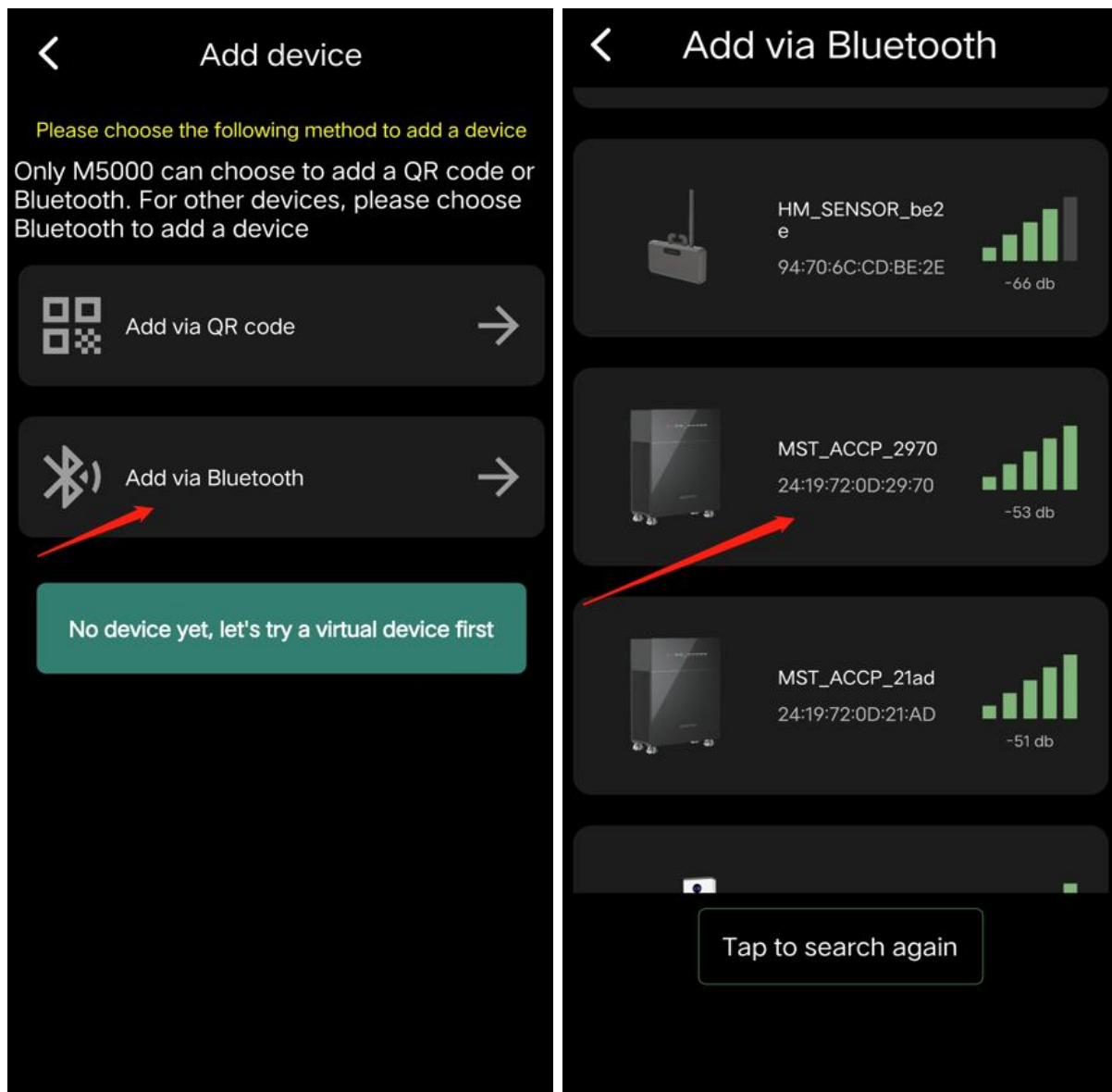
If no device has been added to the account, there is an [Add Device] button in the upper left corner of the homepage;

The account has added devices. There is a + button in the upper right corner of the device list. Both entrances can enter the add device page;



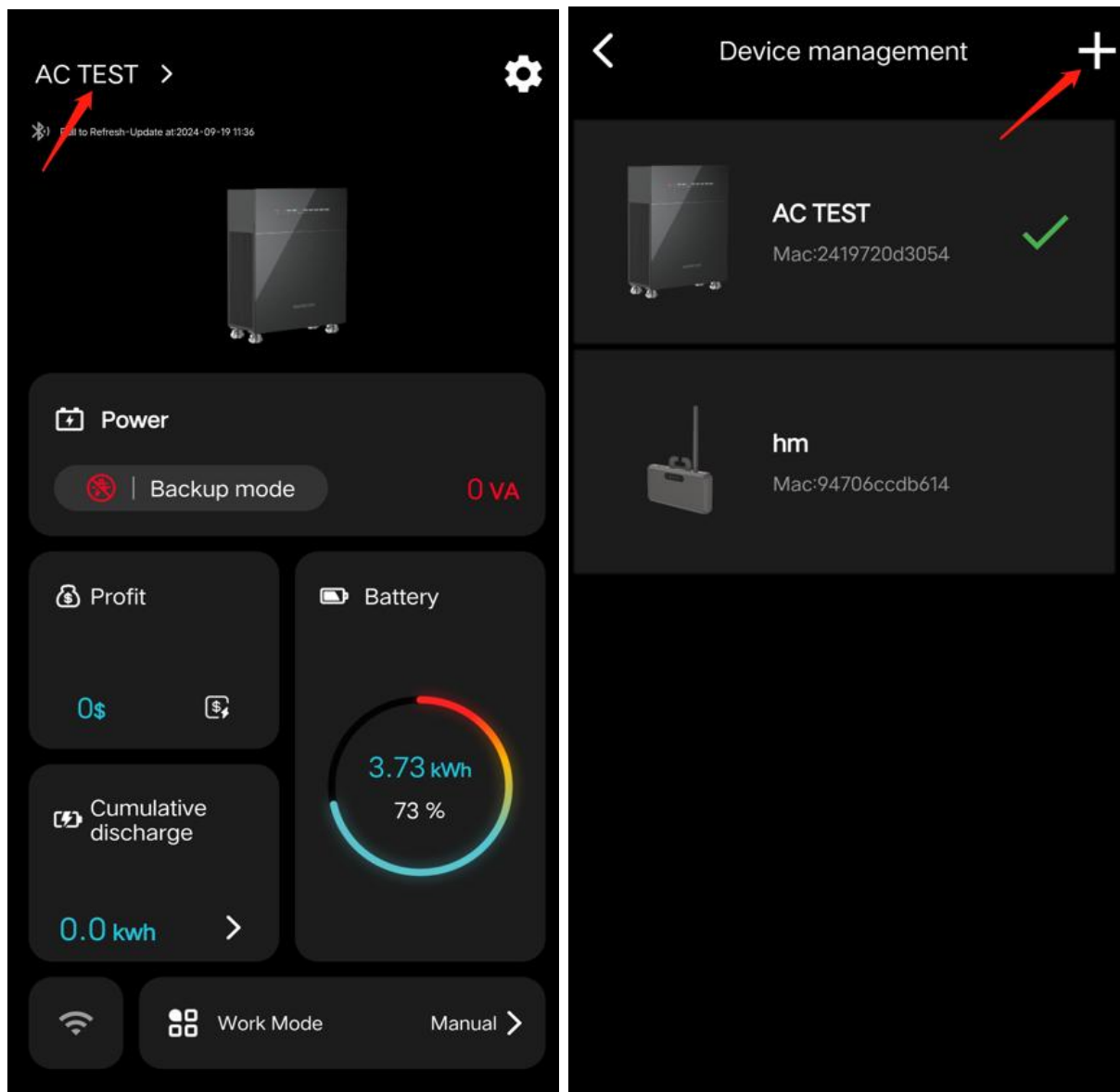
## 2. Add method

The APP has two adding methods: [QR code] and [Bluetooth]. AC Couple currently only supports Bluetooth addition;



### 3. Equipment list

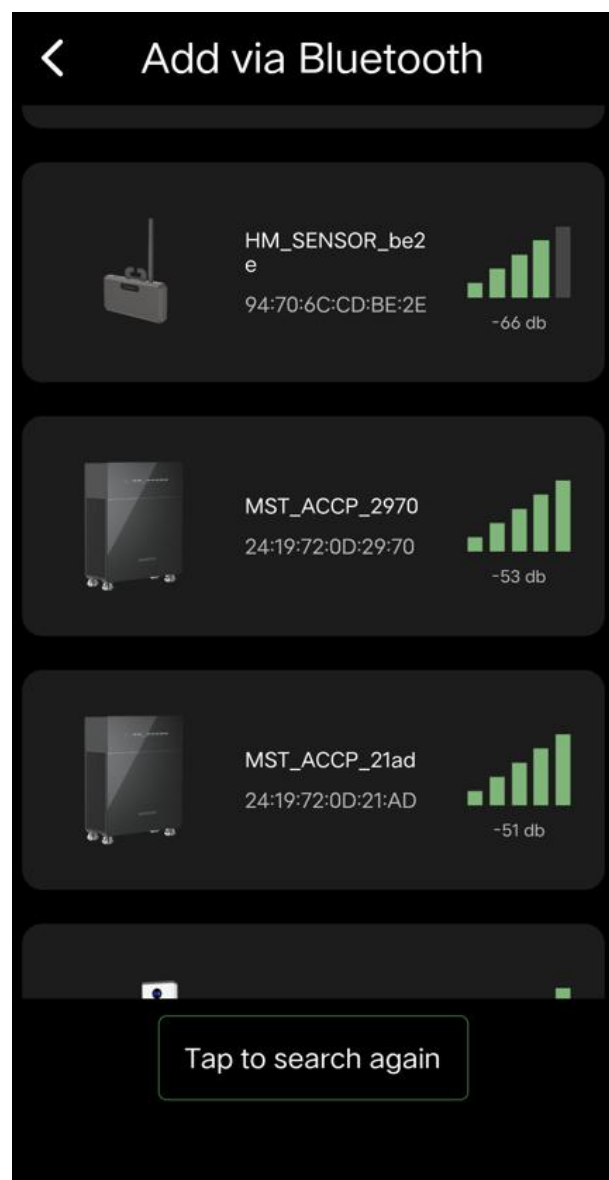
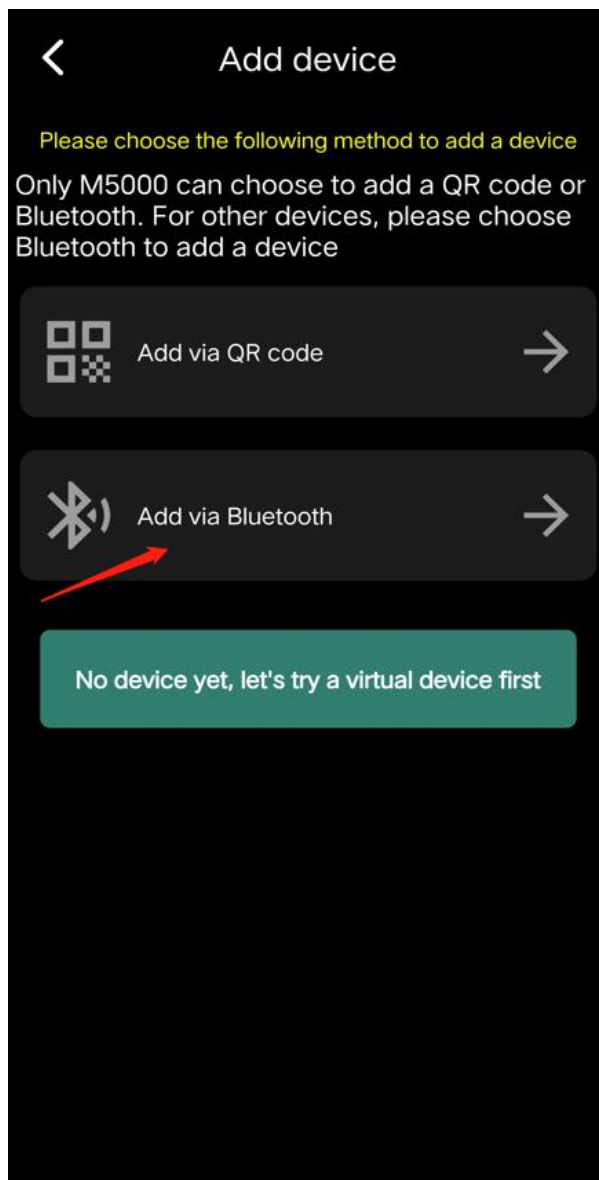
After binding the device, click the device name to go to the device list. One account can add multiple different devices;

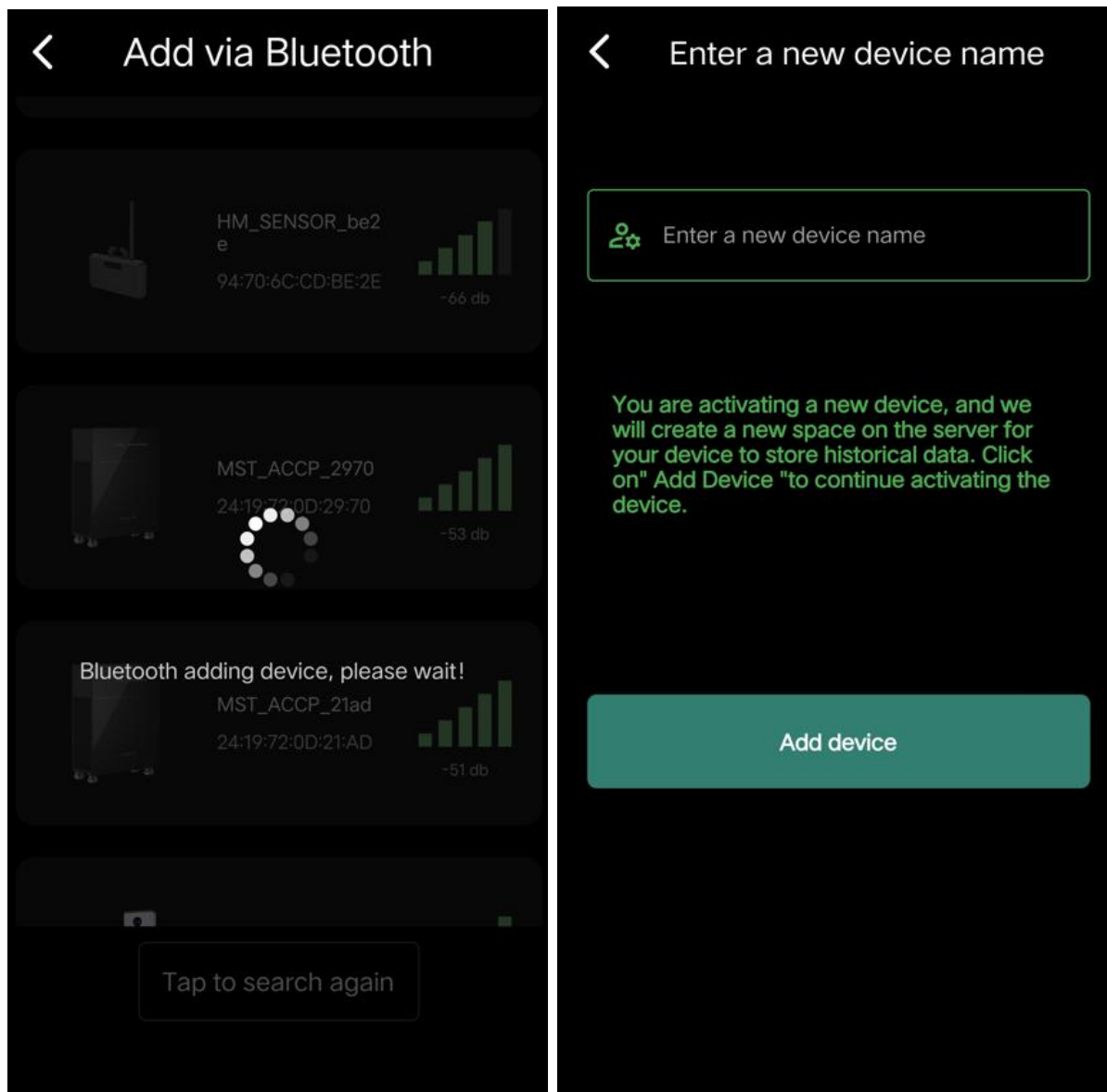


#### 4. Add process

##### 1. Bluetooth added

Click Bluetooth Add to jump to the Bluetooth addition page; the list is the devices scanned by Bluetooth. Click the device to be added. After loading, jump to the naming page (the name is not recommended to be too long). Enter the name and click the [Add Device] button to bind the device. success;



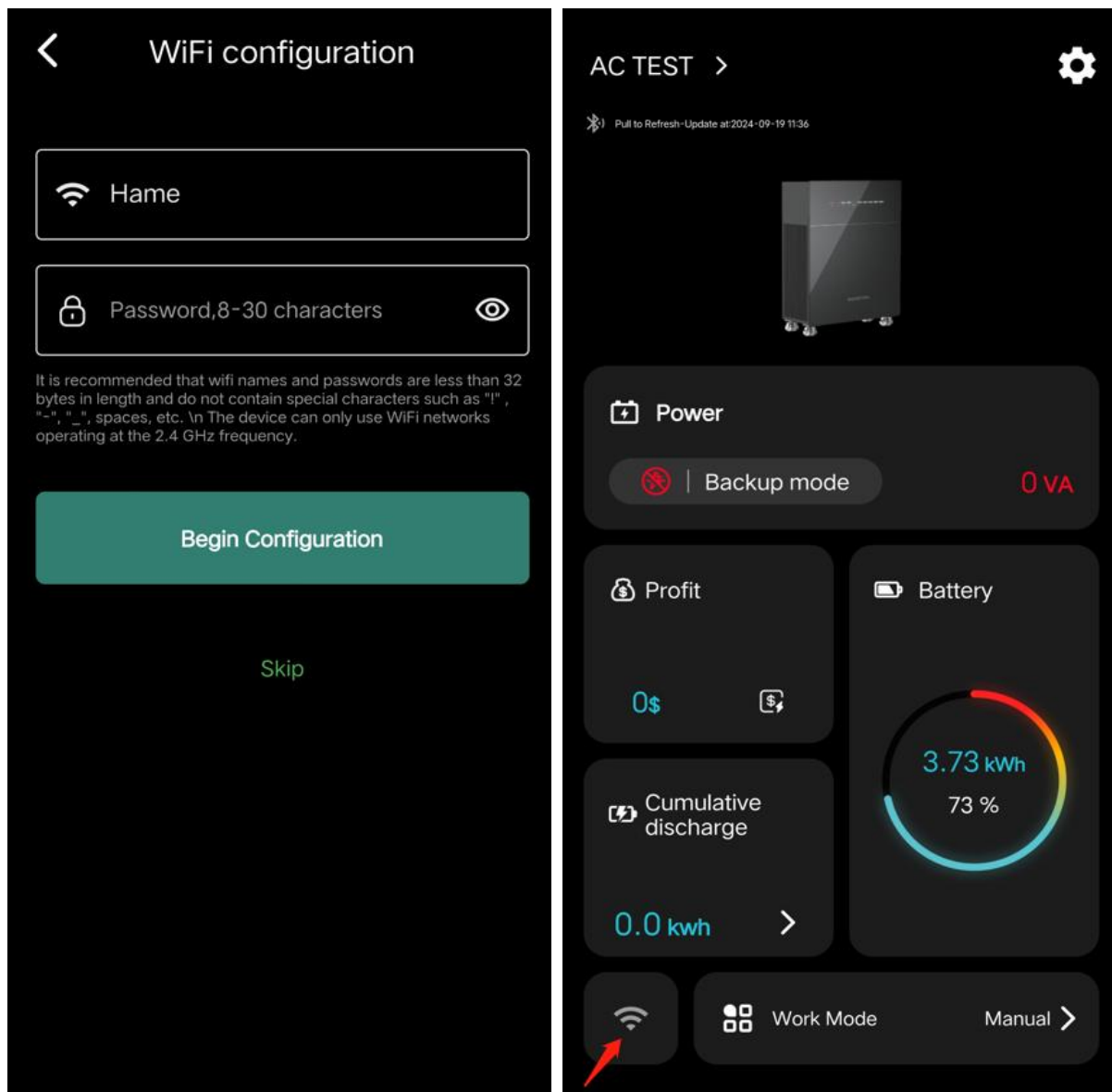


Note: When the app enters the Bluetooth addition page for the first time, a Bluetooth authorization pop-up window may appear. You need to agree to the Bluetooth authorization (if the pop-up window does not pop up, you can confirm that the app's Bluetooth is authorized in the phone settings), and turn on the Bluetooth switch of the phone;

## 2. Distribution network

After the device is added successfully, jump to the configuration webpage, and you need to configure the device under Bluetooth connection; enter the wifi name (the wifi name connected to the

mobile phone is automatically filled in), password, and click [Start Configuration]. After the network configuration is successful, the device can be connected to the Internet;



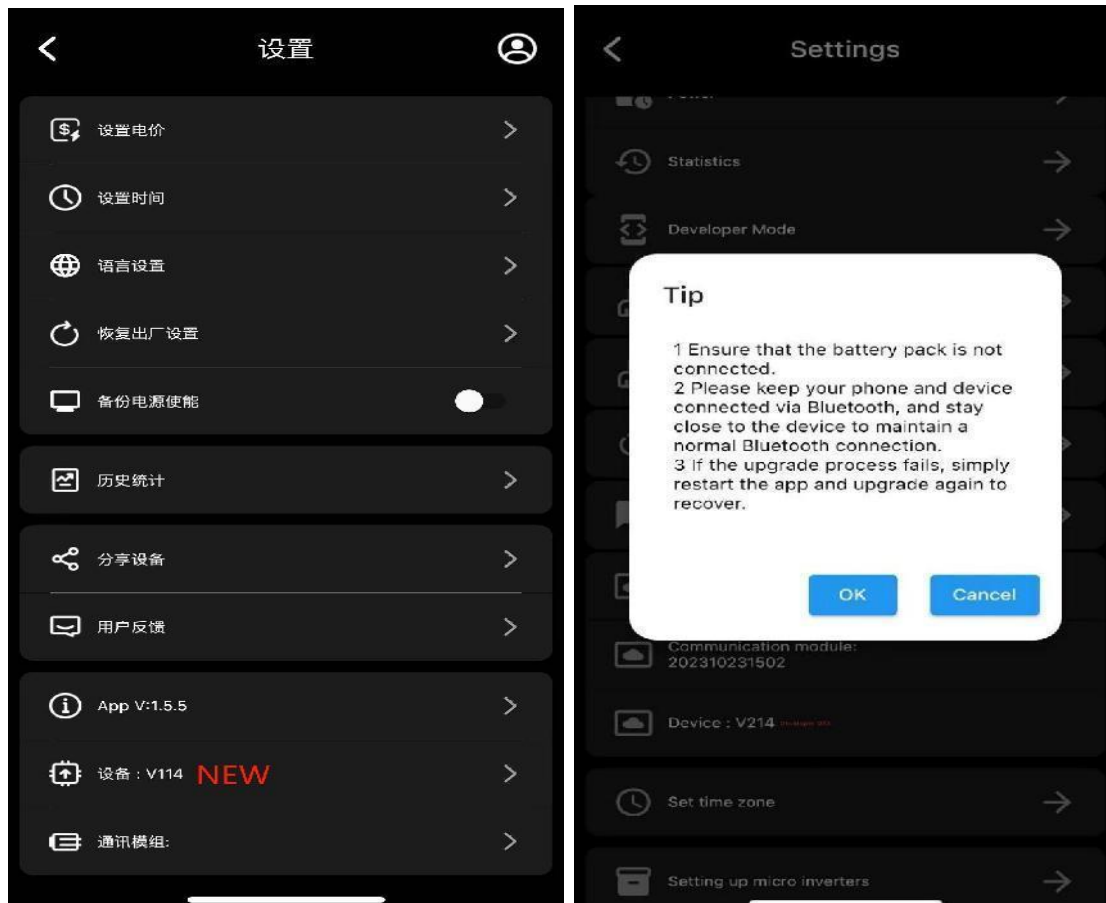
Note: After adding a device, there will be a WiFi logo on the home page of the device. Click WiFi to enter under Bluetooth connection to re-configure the device;

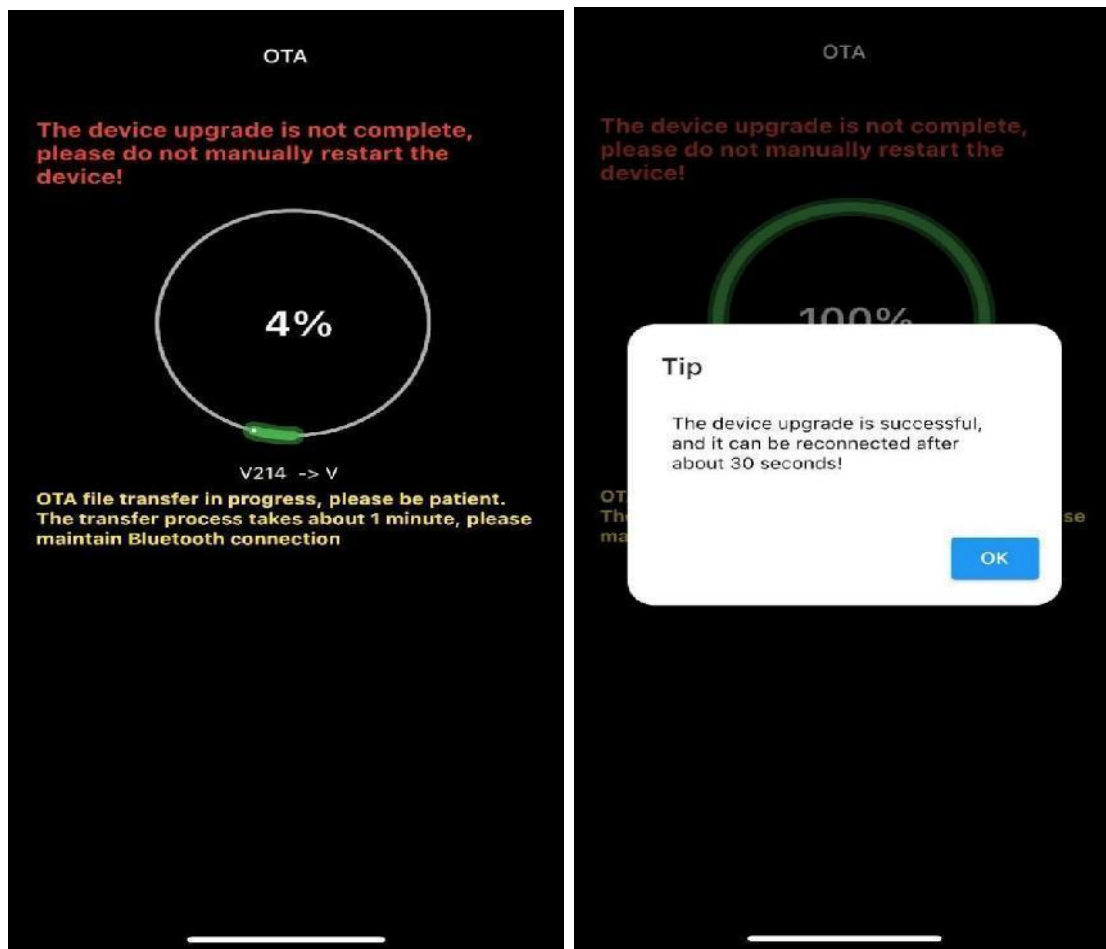
### 3. Firmware upgrade

After configuring the network, check whether the device needs to be upgraded. Click the Settings button and check whether there is a NEW prompt behind the device

version number. If there is NEW, it means the latest firmware version is available. Click to upgrade. If there is no NEW

Indicates that the current version is the latest version and there is no need to upgrade;





## 5. Communication method between App and device

### 1. Bluetooth communication

After adding the device, you can see the Bluetooth icon on the homepage;

**Bluetooth green:** The APP is connected to the device via Bluetooth and can communicate via Bluetooth;

**Bluetooth gray:** The APP and the device are not connected via Bluetooth, and Bluetooth communication is not possible;

### 2. MQTT communication (wifi standard)

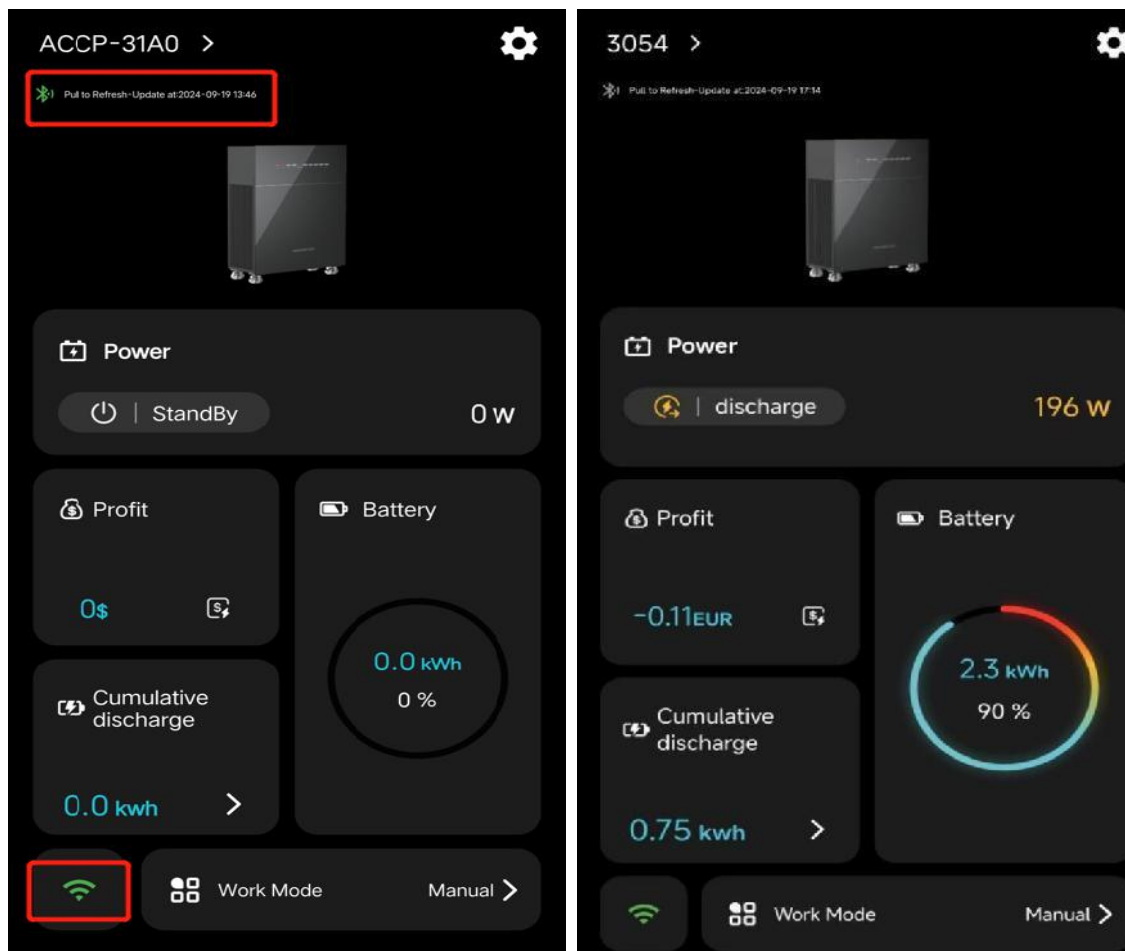
After adding the device, there is a wifi icon on the homepage, indicating the MQTT communication status between the app and the device;

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

**Bluetooth connection: Wifi yellow (communication between the device and the mqtt server is disconnected), Wifi gray (the device network is disconnected);**

**Bluetooth is not connected: Wifi is gray (the MQTT communication between the APP and the device is disconnected, you can try to refresh the page or restart the app to re-establish the connection);**

Note: If either Bluetooth or WiFi is green, the app can communicate with the device;



6. View equipment working data

1. Real-time working status

During the communication between the APP and the device, you

can check the real-time working status of the device on the APP; on the homepage, you can see the working status of the device, power, accumulated discharge, battery power and discharge mode;

Note: After the APP disconnects communication with the device, the data of the last communication will be displayed by default, otherwise 0 will be displayed;



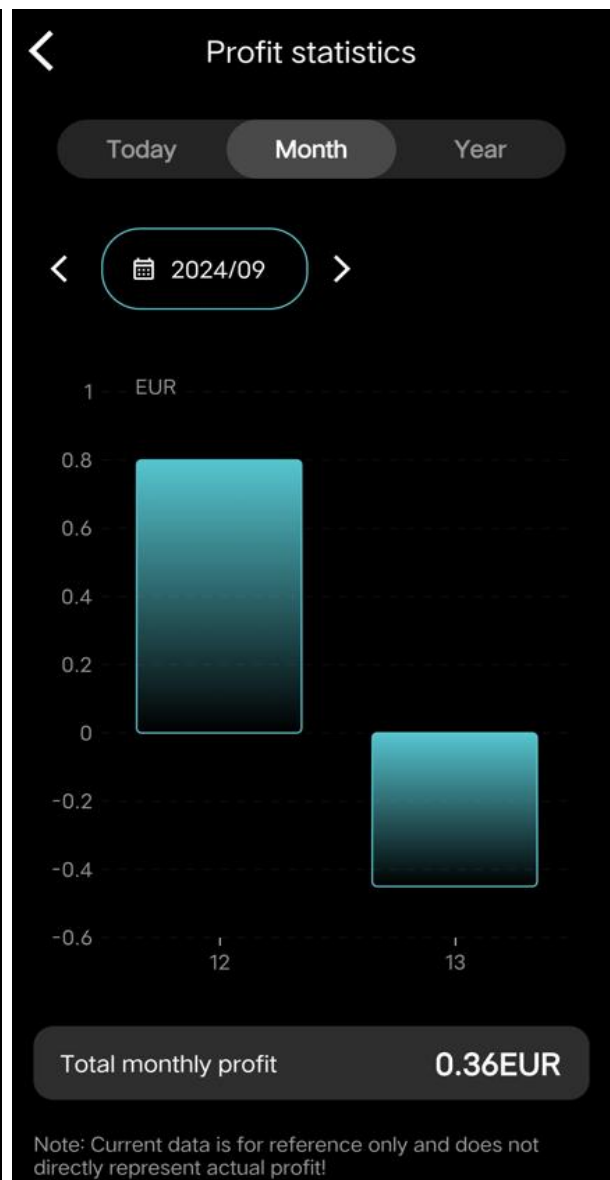
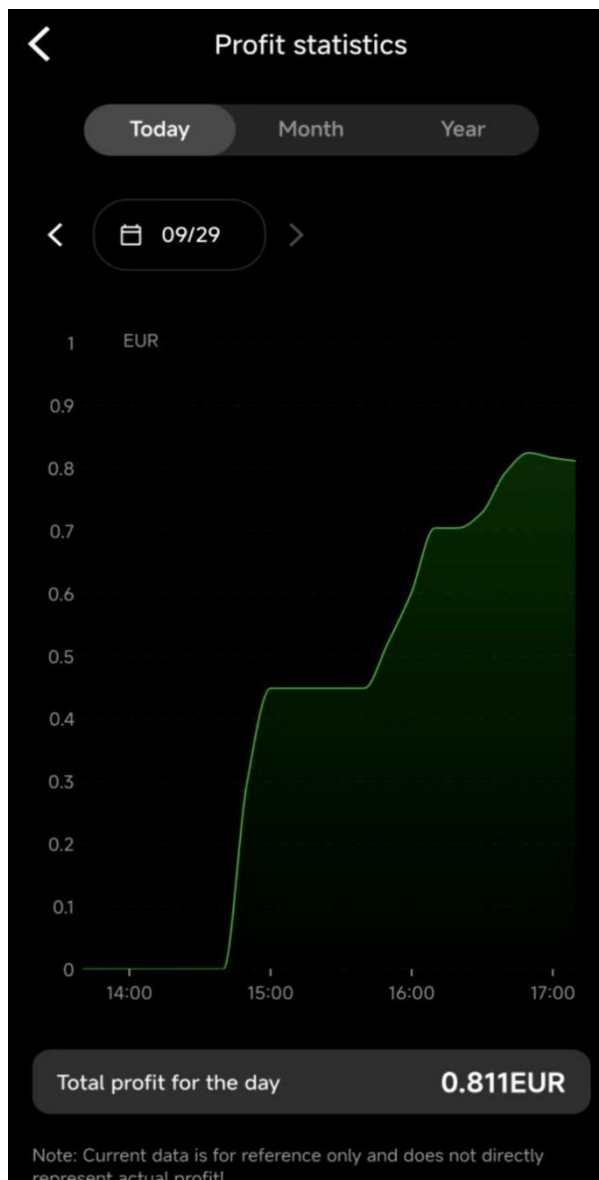
## 2. Historical data

Click [Cumulative Discharge Amount] to view historical statistics,

including the charging and discharging power and amount of electricity for the day/month/year;

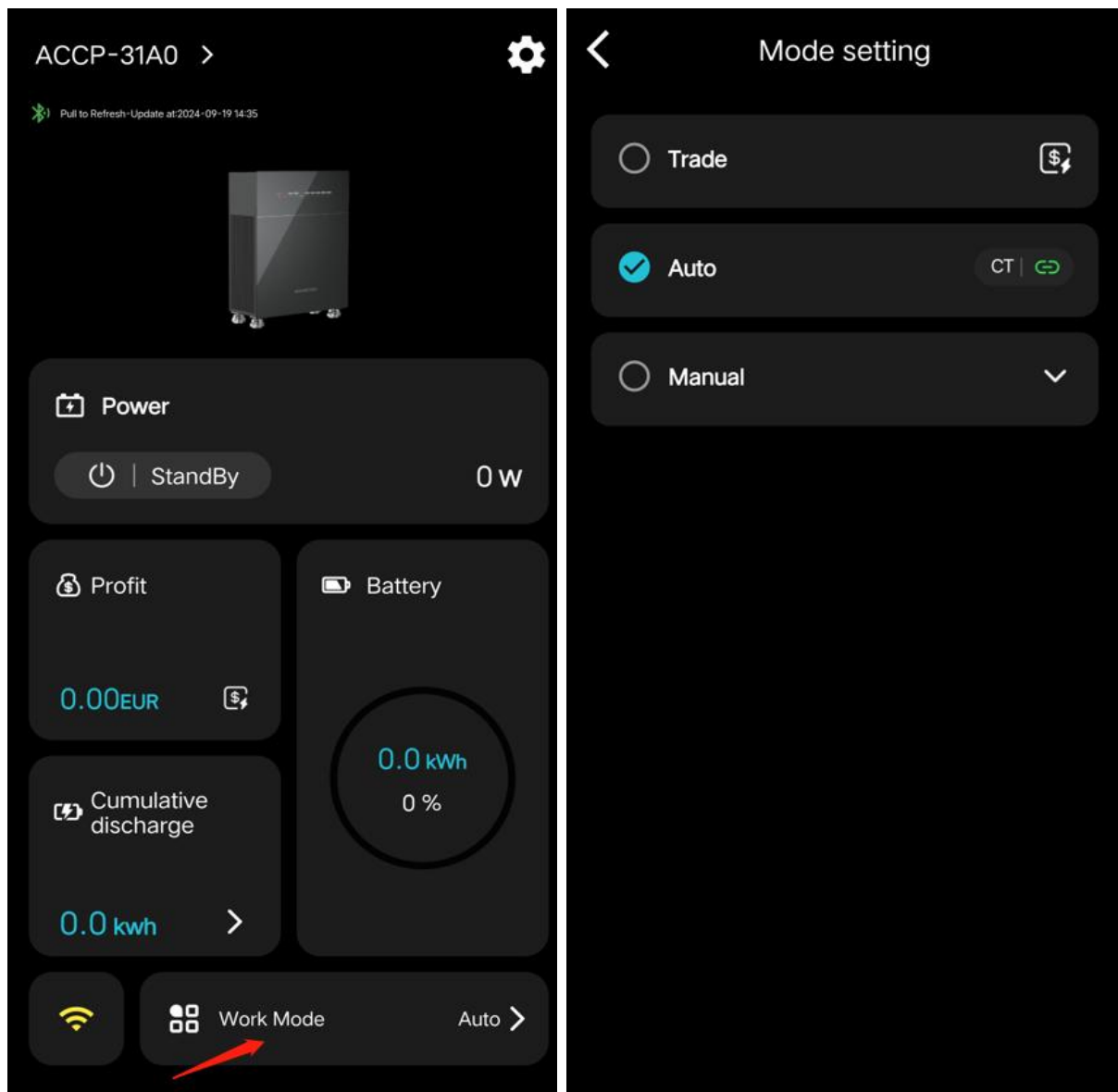


Click [Income] on the homepage to view the income statistics generated during the operation of the equipment;

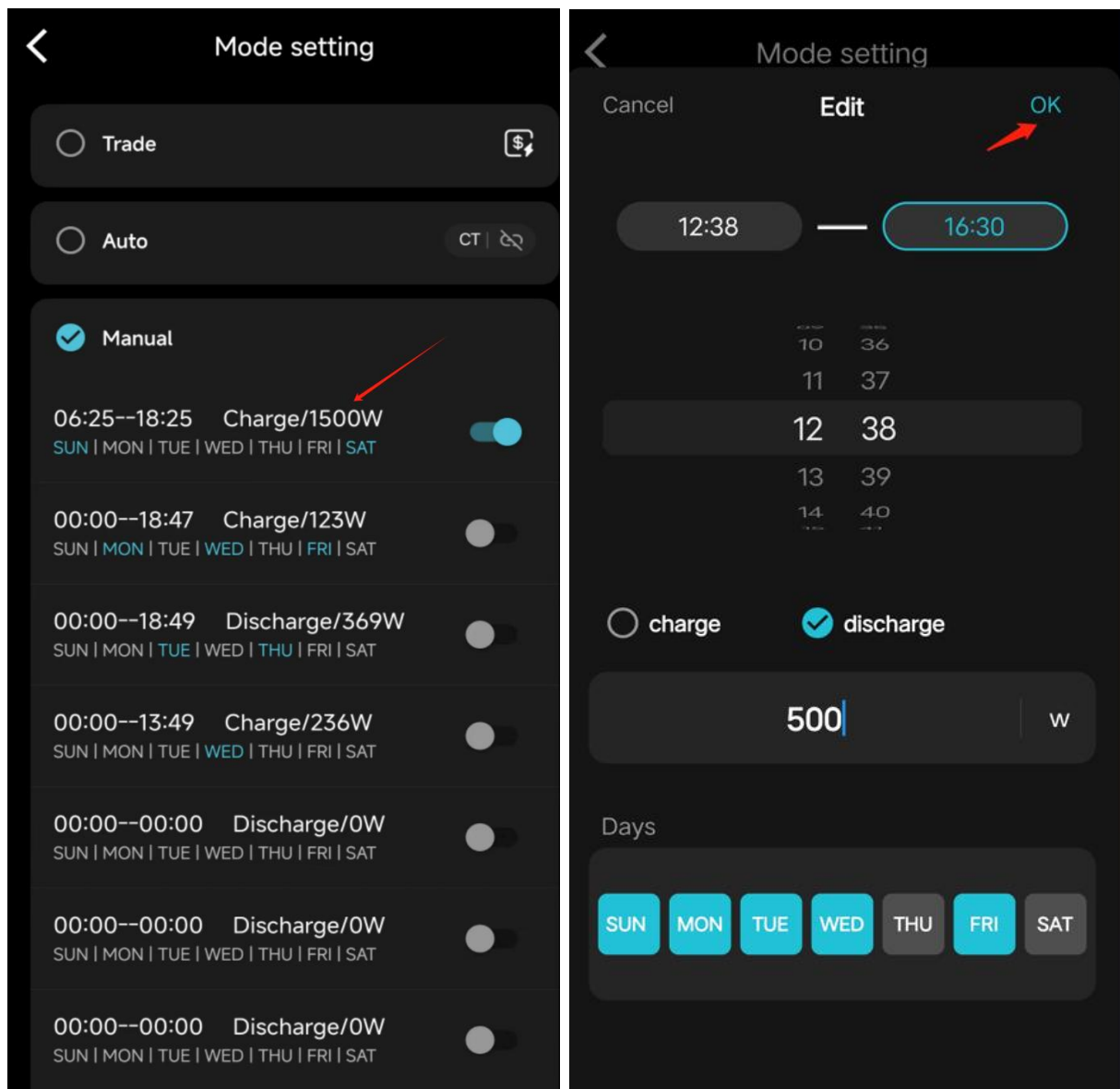


### 3. Working mode

Click on the working mode to enter the mode setting page; there are trading/automatic/manual modes, and the automatic mode is selected by default;



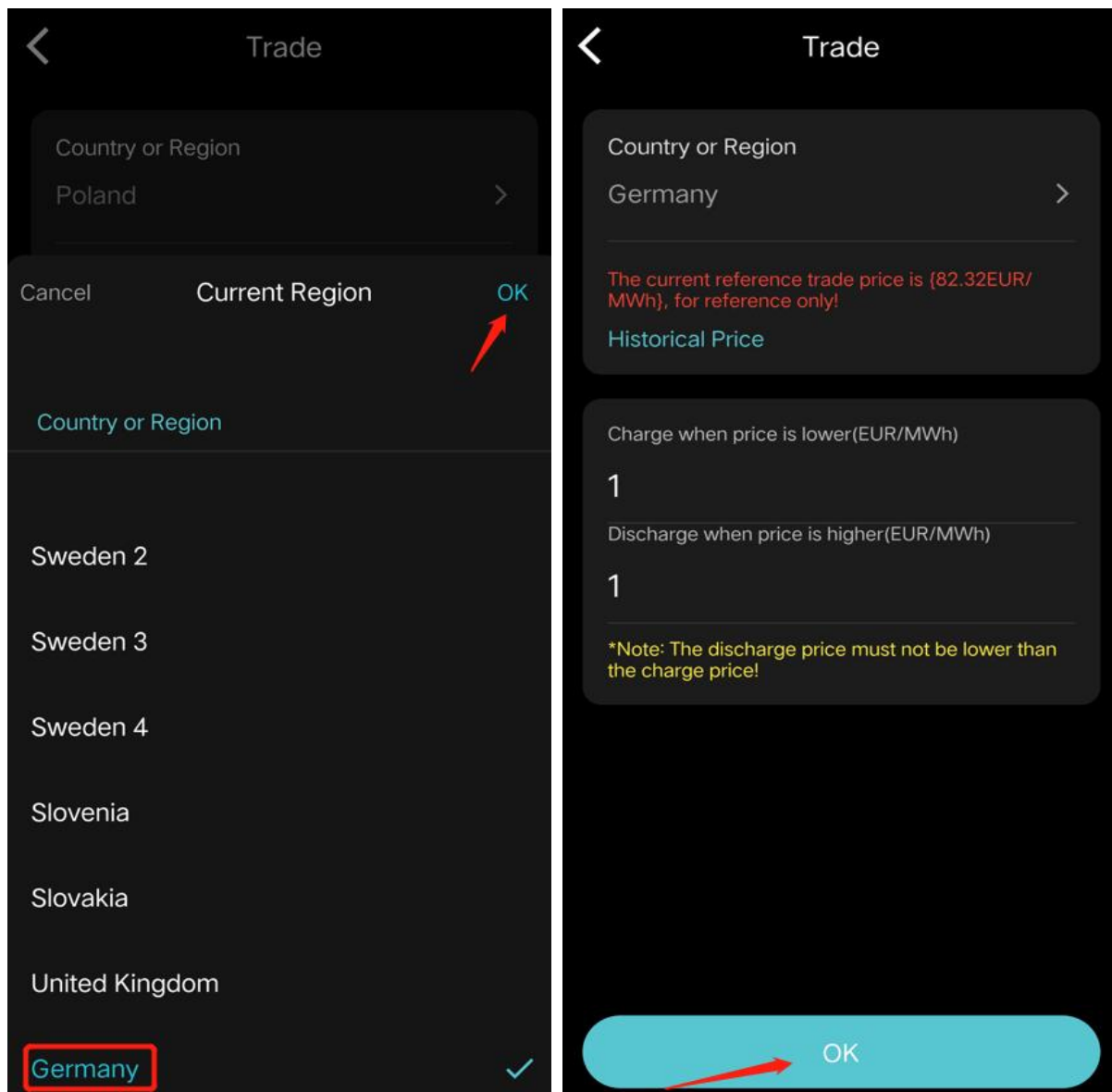
Manual mode: Supports setting 10 non-overlapping time periods. Click any time period to set the time, charge and discharge status, power and cycle; the switch is off by default, and the setting takes effect when the switch is turned on;



Transaction mode: Select the current country or region and enter the corresponding electricity price; the first time setting will pop up the electricity price setting page, you need to set the currency unit first;

For example: Enter the region - Germany. The electricity price is lower than 1EUR/MWH for charging and higher than 1EUR/MWH for discharge. After clicking OK to submit, the device will compare the local real-time electricity price in Germany with 1EUR/MWH. If it

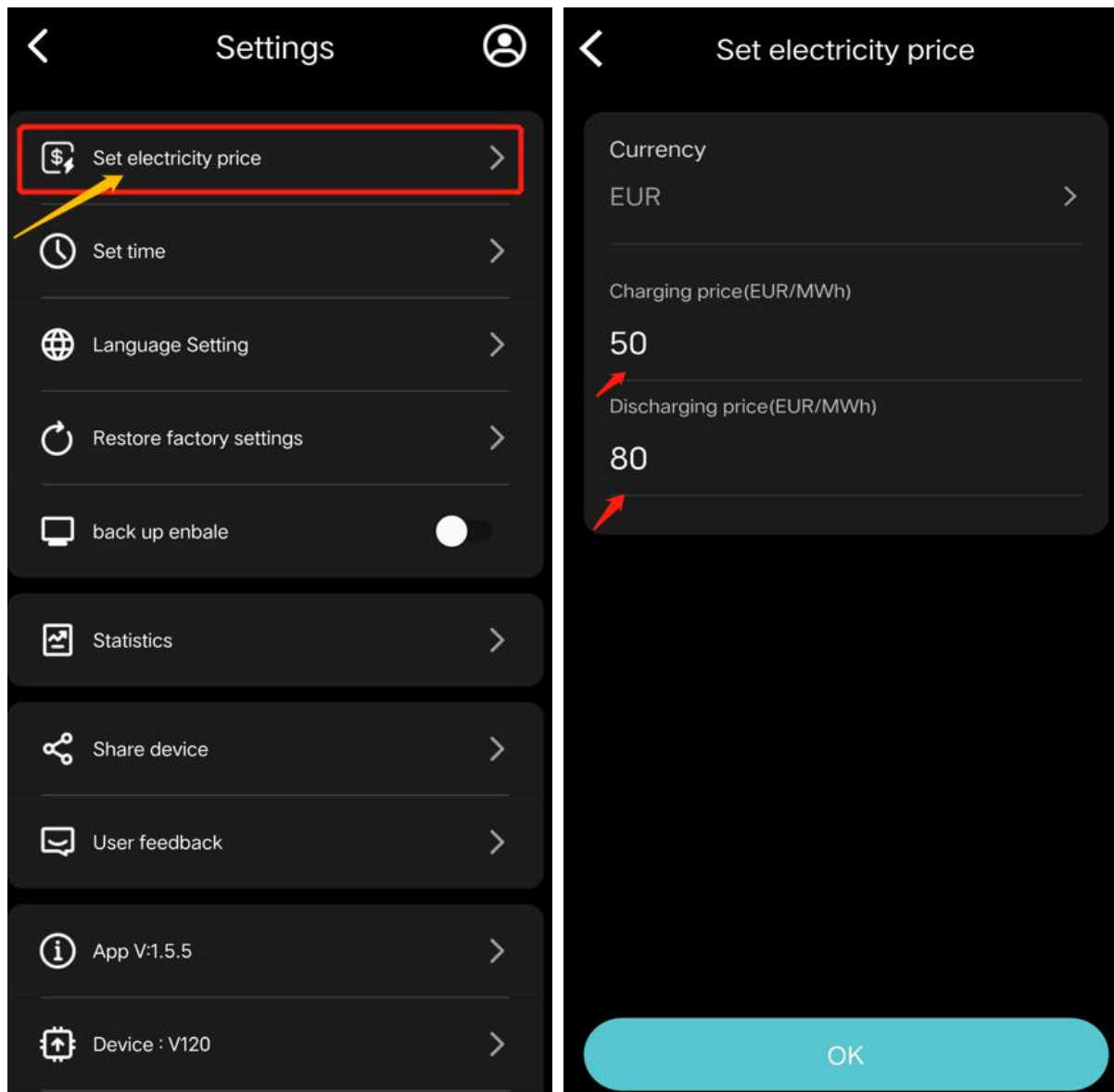
is higher than this value, the device will discharge. The device is charged below this value;



## 7. Setting function

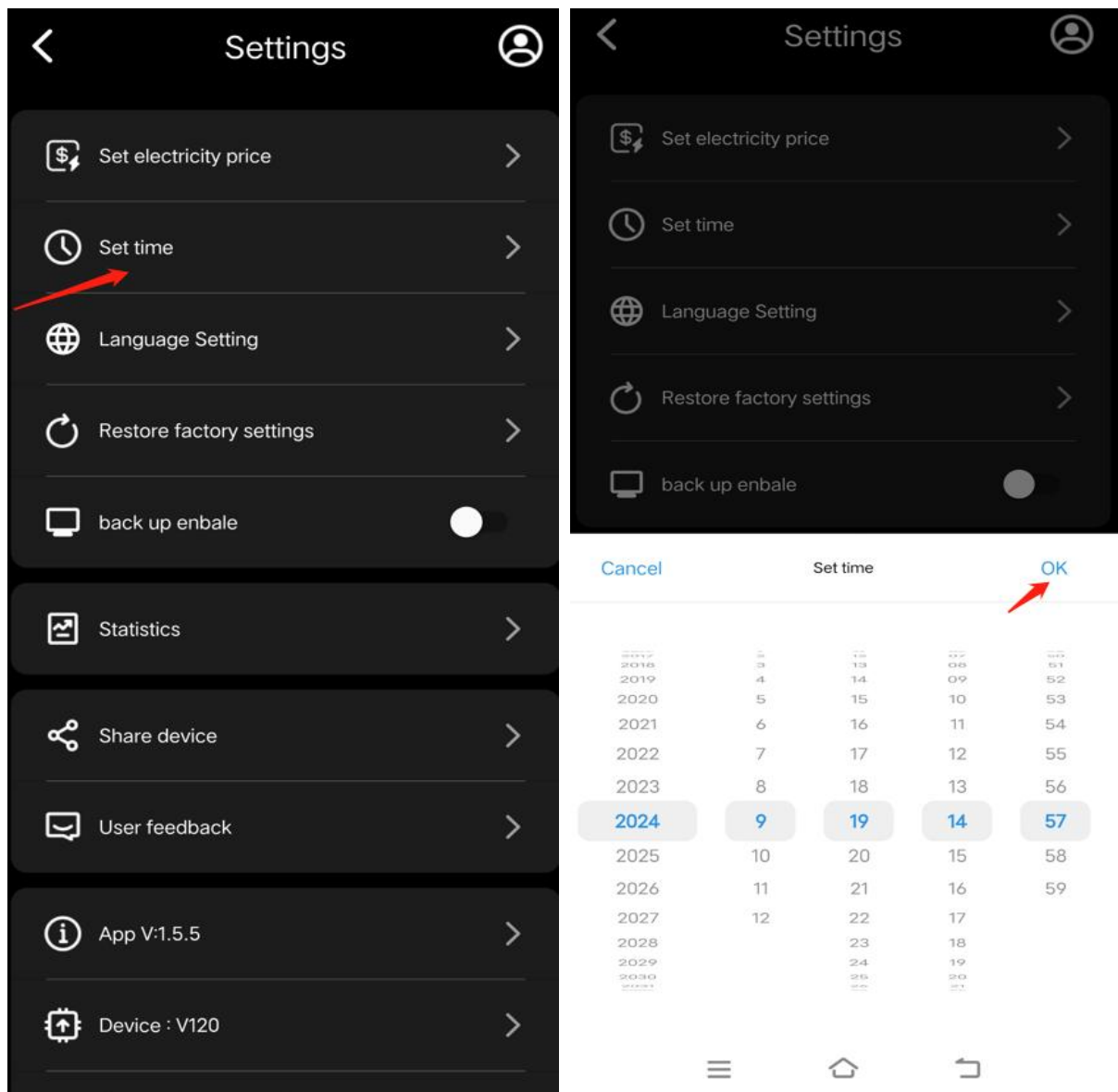
### 1. Set electricity price

Set the currency unit and charging and discharging price. In automatic mode and manual mode, the income will be calculated at this price.



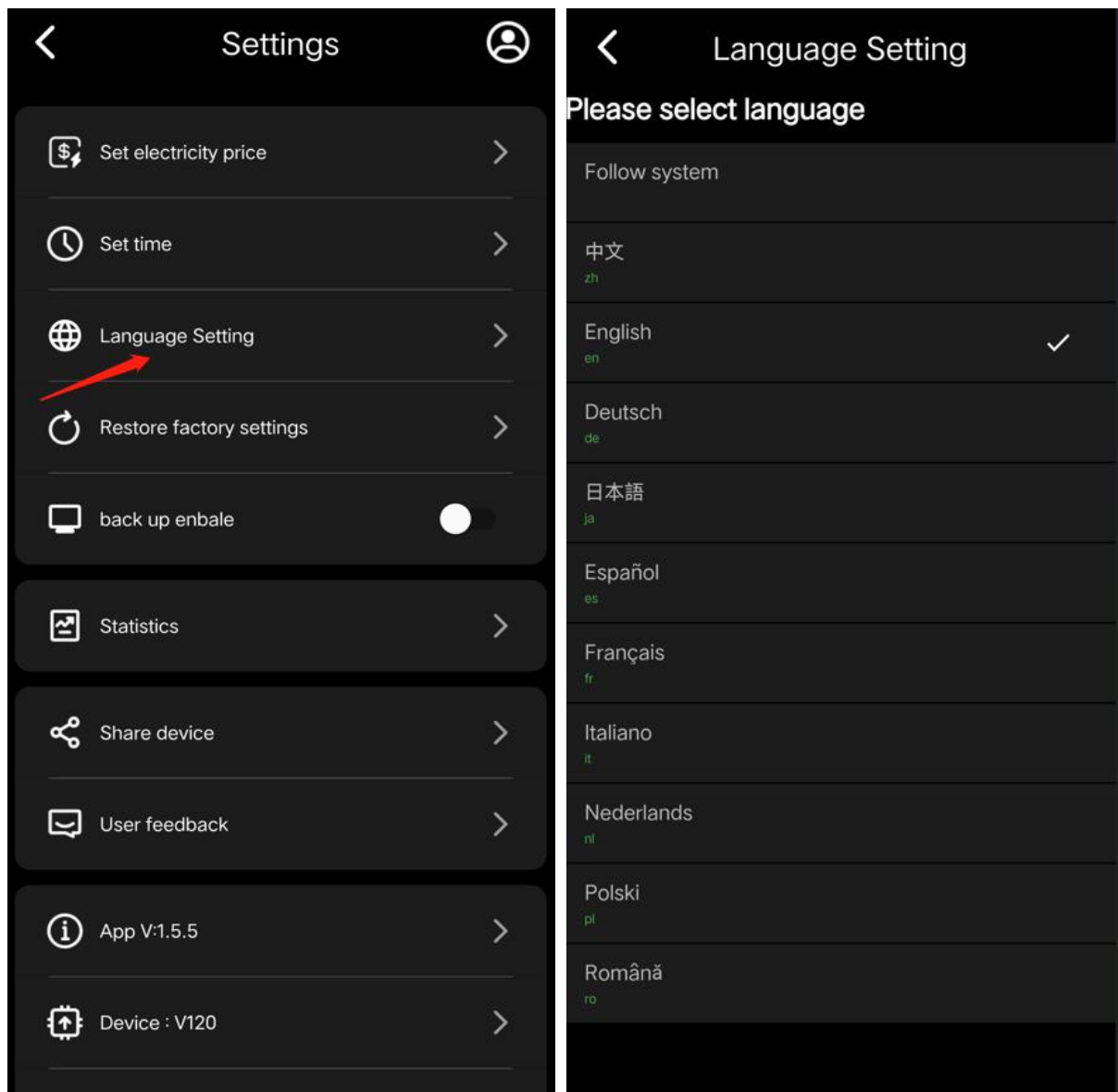
## 2. Set time

Select the time and click OK, the device will work at this time;



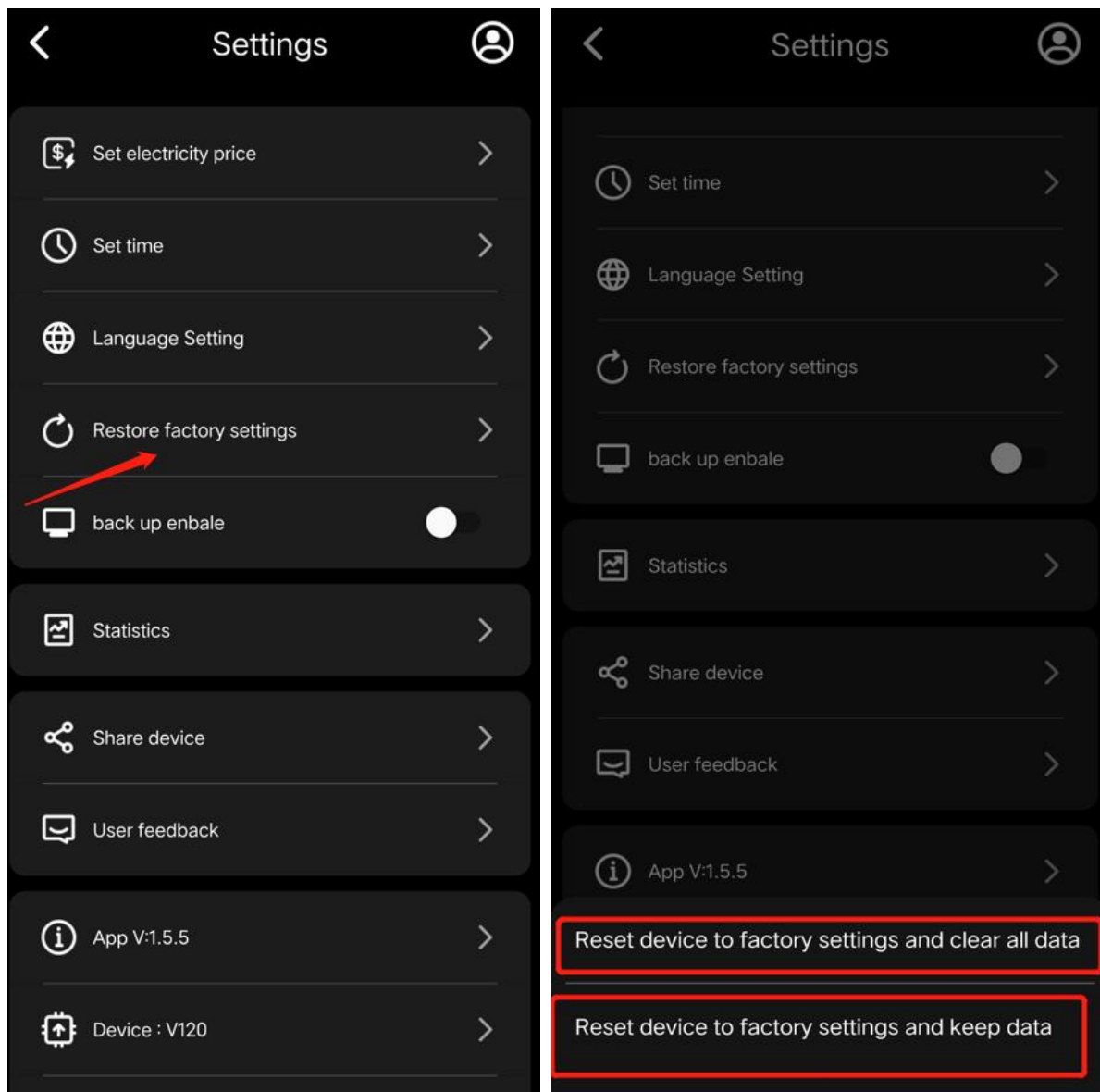
### 3. Language settings

There are 9 languages that can be switched; if you choose to follow the system, the app will follow the language corresponding display in the phone settings;



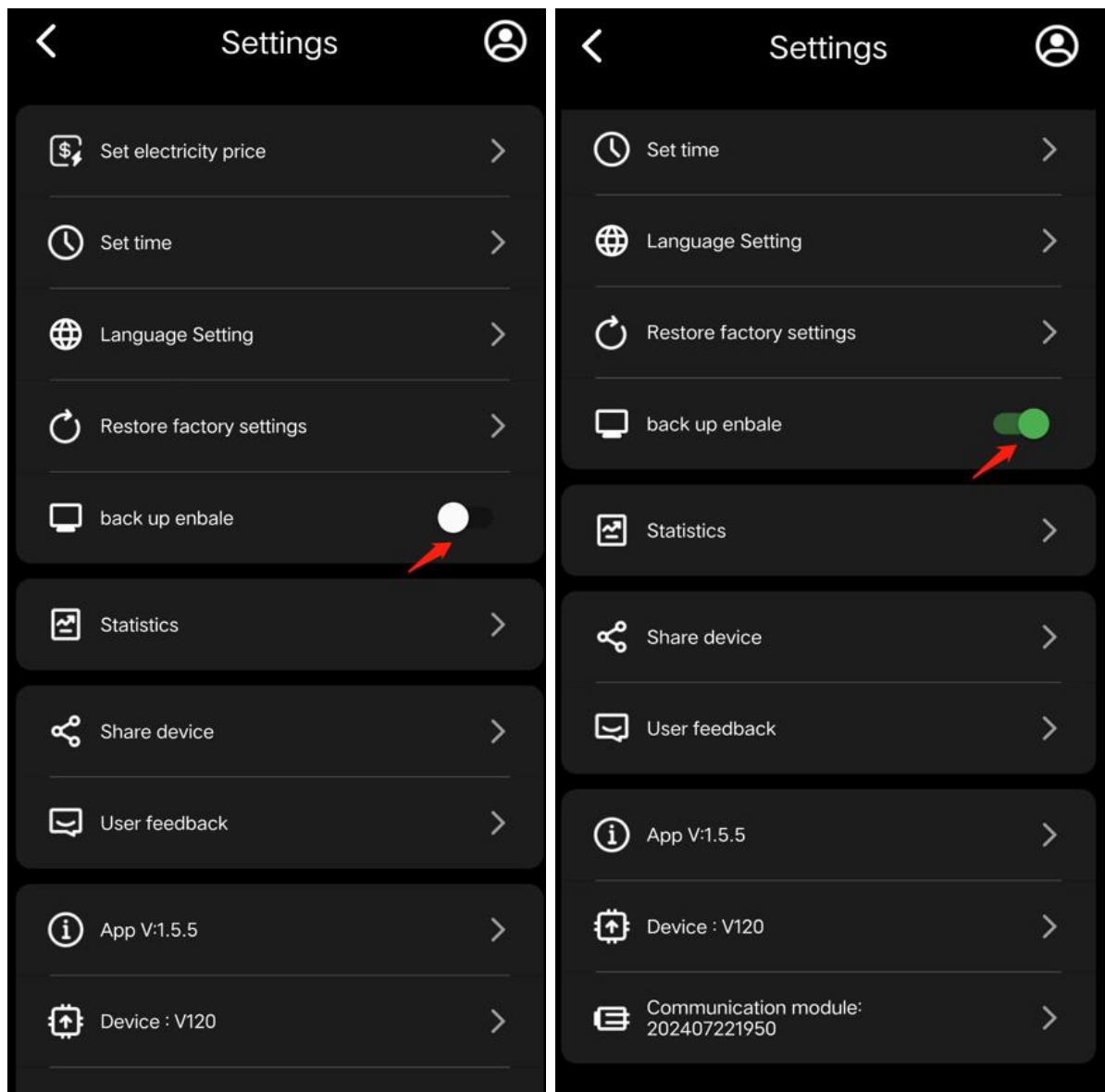
#### 4. Restore factory settings

Click Restore Factory Settings, and a confirmation pop-up window will pop up. There are two options: [Restore factory settings, clear all data] and [Restore factory settings, retain data]. Choosing to clear data will save the accumulated discharge amount and the set value. Clear the manual discharge time period;



## 5. Backup power enable

There are two states of switch, which can be switched according to needs.

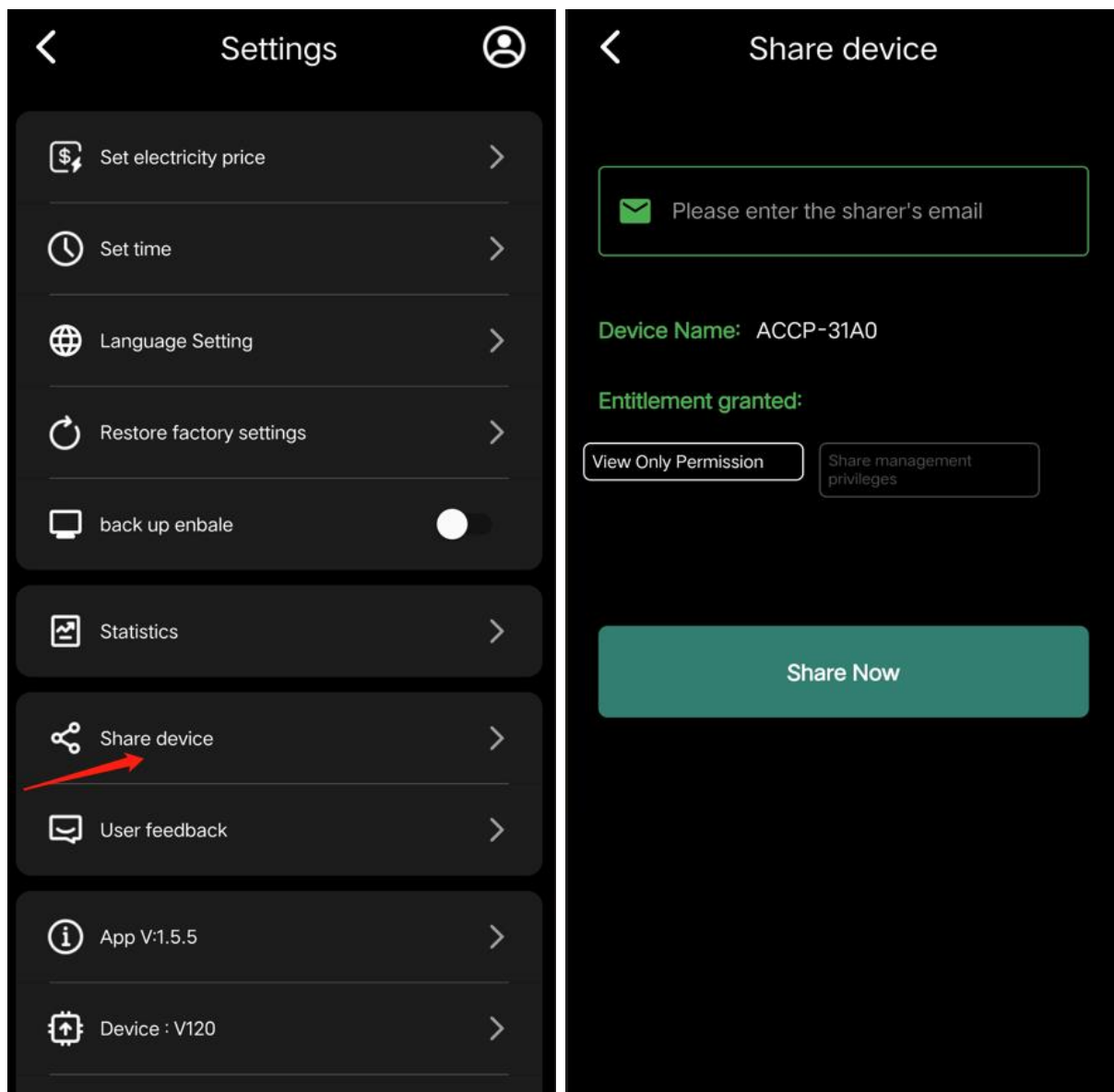


## 6. Share equipment

There are two permissions for sharing: [view only permission] or [share management permission];

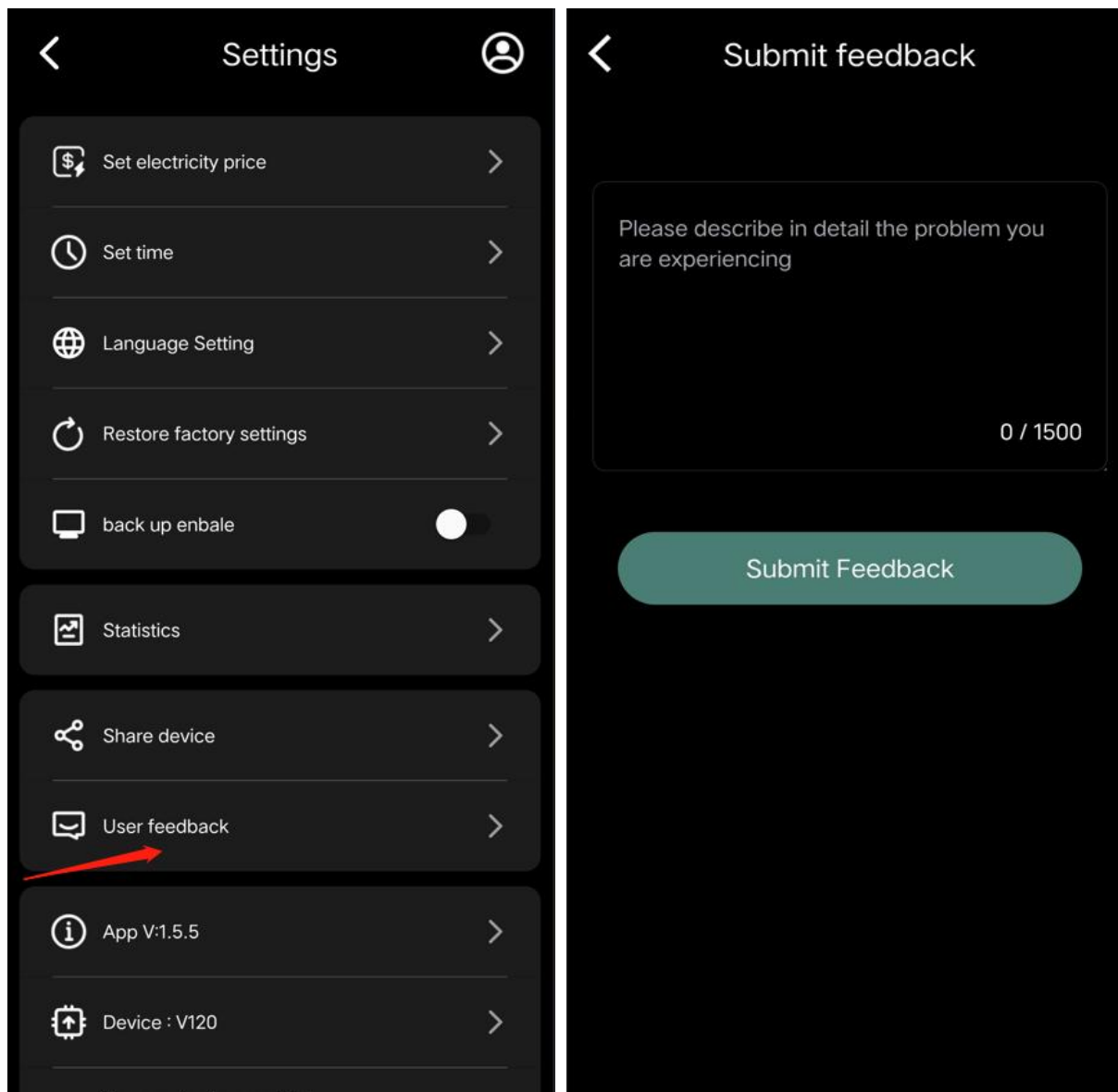
[View permission only]: The person being shared can only view the working status of the device and cannot change it;

[Sharing management permissions]: The person being shared can change the working status of the device;



## 7. User feedback

You can enter content within 1500 words, describe the problem and submit it, and the after-sales staff will contact you as soon as possible;



#### 8. APP version number

Display the current version number of the APP

#### 9. Equipment number

Displays the firmware version number. A NEW prompt indicates that the latest firmware package is available and can be upgraded;