I. Blueooth APP Operation Guide

1、 Download and install lithium WiFi APP:
Scan the QR code below to download and install the Android version of lithium WiFi APP.
For iOS, please search for "Lithium WiFi" in the App Store (Apple App Store)and install it

Figure 1.1.1 Android APP Download Link QR Code

Figure 1.1.2 App Icon After Installation

2、 After opening the APP search for Bluetooth devices and select the device to connect for Bluetooth connection

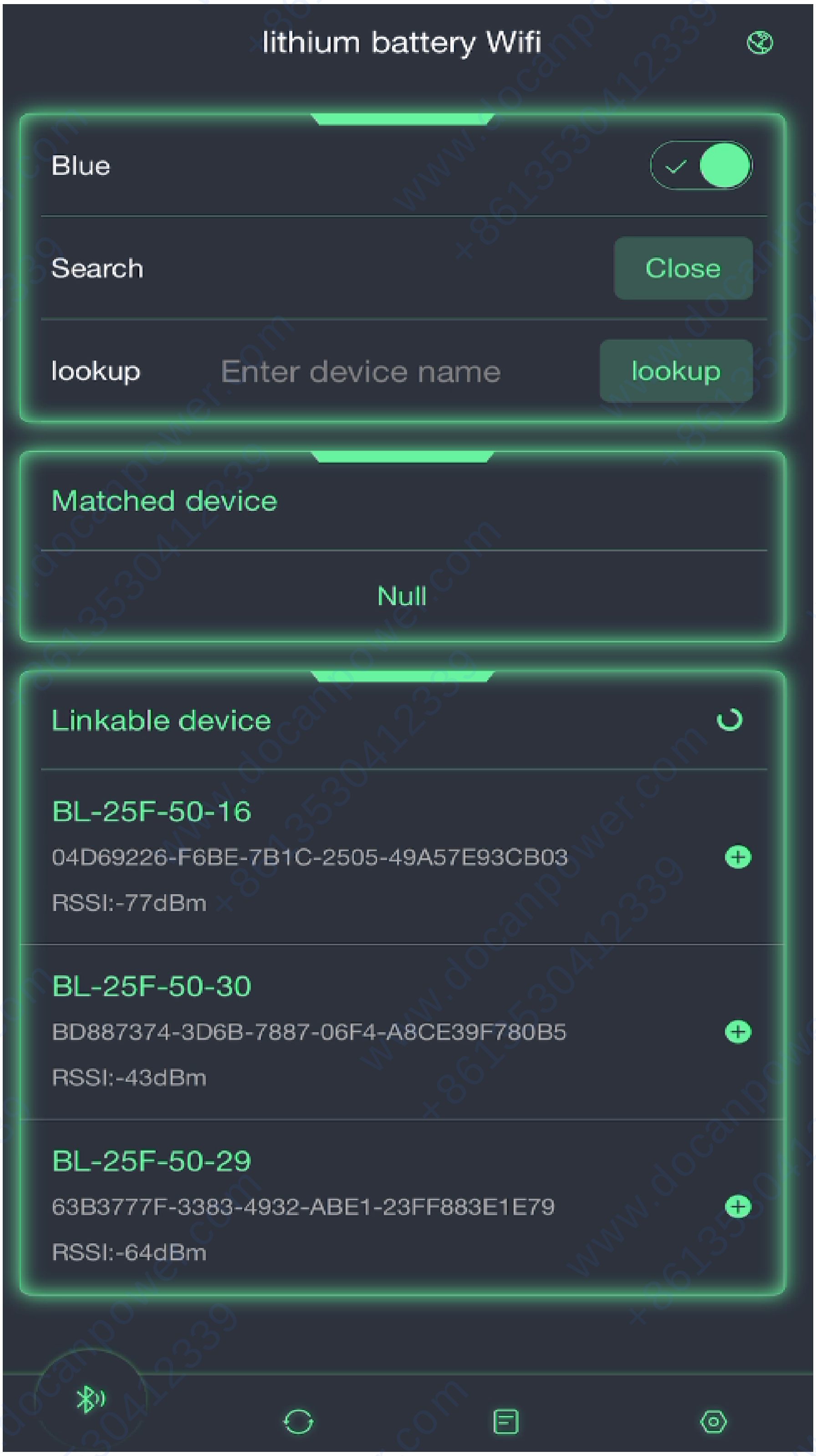


Figure 1.2 Bluetooth Search Connection Interface

3、 As Shown in the Figure Below, After a Bluetooth Device Is Successfully Connected, It Will Automatically Jump to the Home Page. You Can See the Home Page Data of the Battery

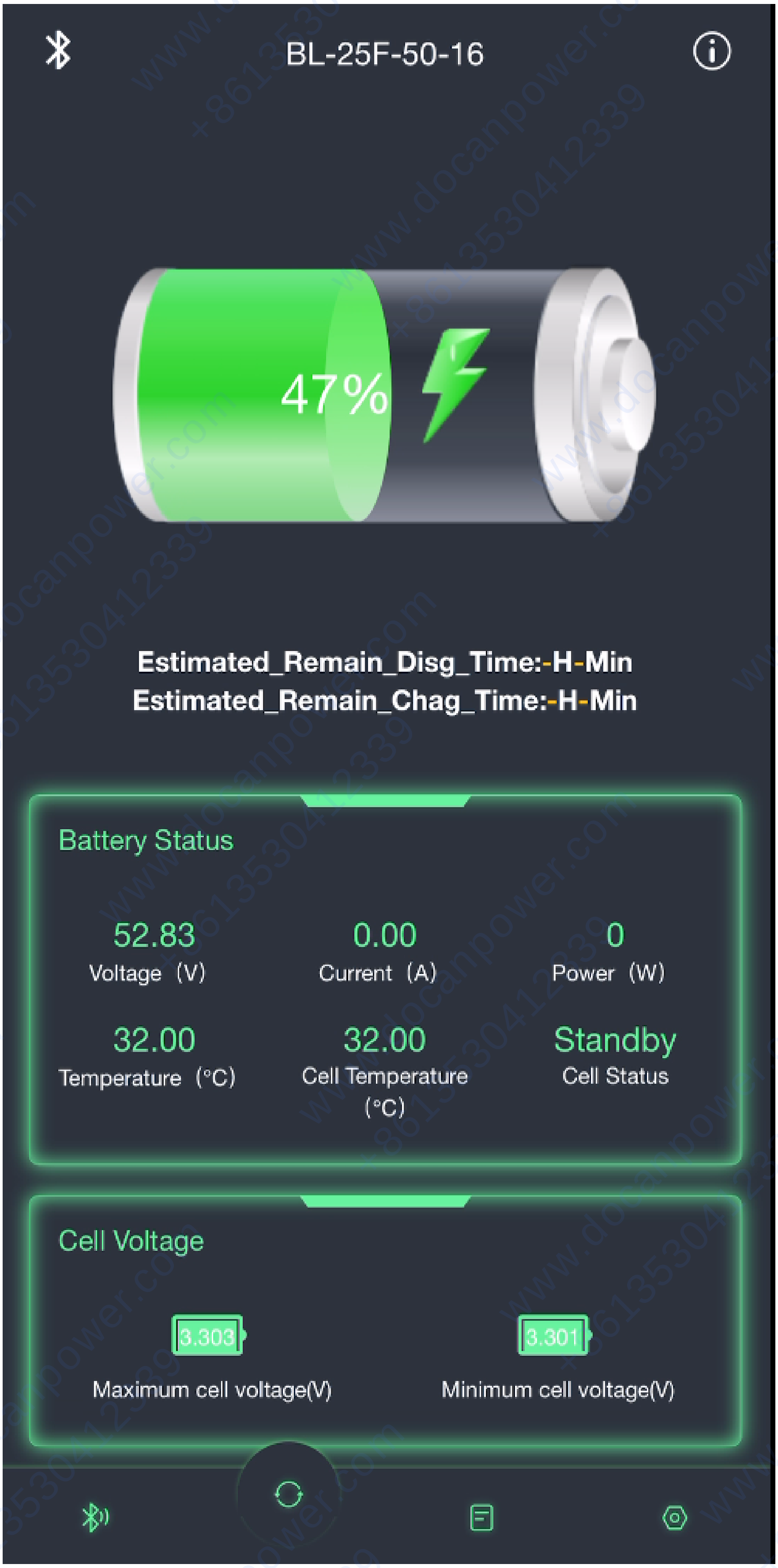


Figure 1.3 Battery Home Page Data Interface

4、 Entering the Settings interface, you can view more BMS parameters, as well as set the actions and modify some of the parameters that can be set

Figure 1.4.1 Basic Information Interface

In the settings interface, click the top sub-interface to access the corresponding page. Swipe left in the top sub-interface area to view more sub-interface options, and click to enter. As shown in the figure below, clicking on cell voltage will take you to the cell voltage display page to check the battery cell voltage information.

Figure 1.4.2 Cell Voltage Interface

5 Entering the Settings parameter interface allows you to set some of the parameters of the BMS and control the actions of the BMS. To enter the Settings interface, you need to input the password: 888888

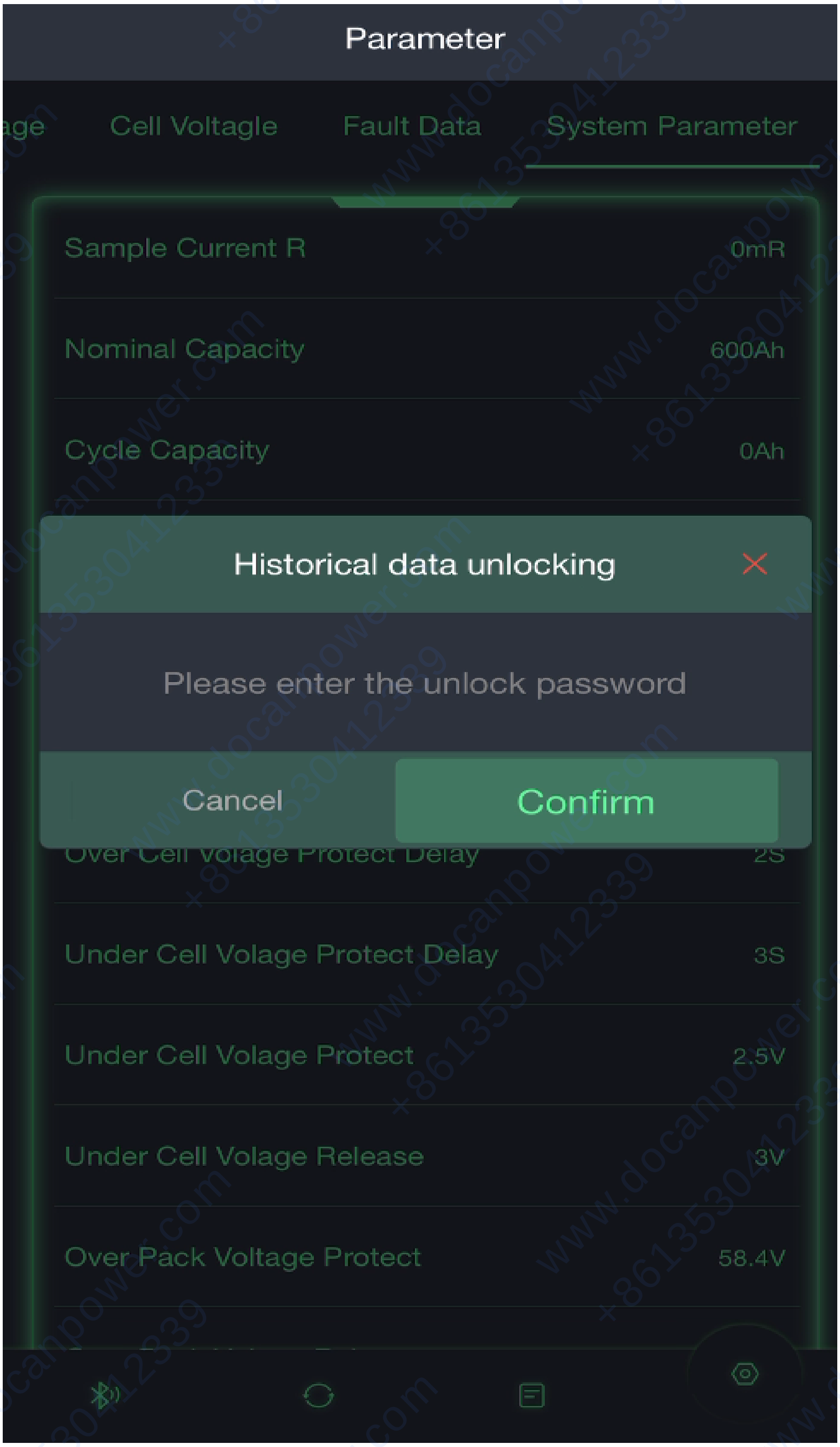


Figure 1.5.1 Unlock the parameter setting

As shown in the figure below, click the selected parameter in the parameter setting interface. After setting the value in the pop-up setting box, click OK to modify the BMS parameter

II. Cloud Platform Web Operation Guide

1、 Open the website http://console.jz-iot.net/ and enter your account and password to log in to the cloud platform (contact the cloud platform to open your account)

1.1After logging in the platform, click the icon in the upper right corner of the home page (as shown below) to enter the project management page

Figure 2.2 Cloud Platform Home Page

3.After entering the project management page, you can add, delete, modify and view project information under this page

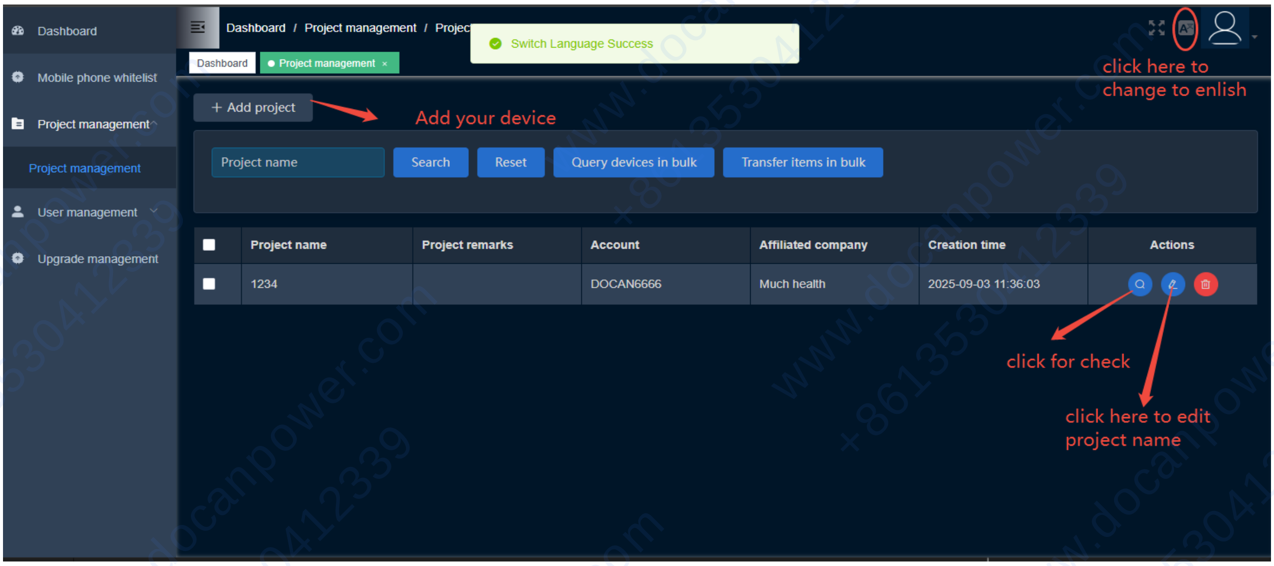


Figure 2.3.1 Project Management Page

Under the project management page, click the add project button. In the project addition box (as shown in the figure below), fill in the project description information, and then click OK to complete the project addition

After the project is added successfully, you can see the added projects in the project list of the project management page

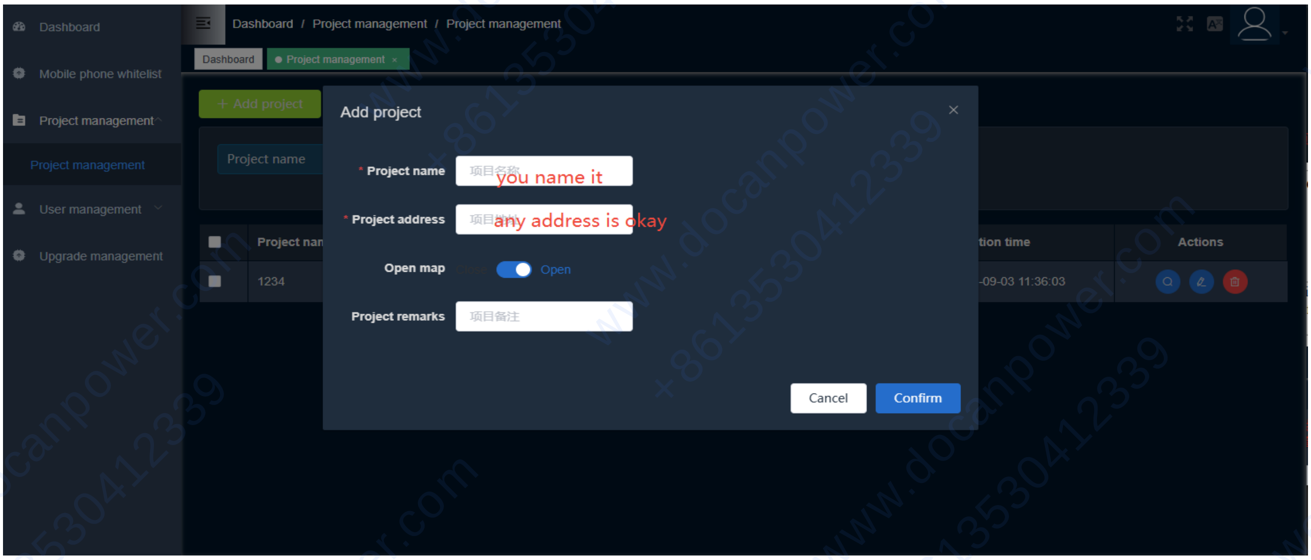


Figure 2.3.2 Enter the Project Description in the Project Addition Box

4 After adding a project,
click the project view button of the existing project to enter the equipment management page under the project. In the equipment management page, you can add, delete, modify and view the equipment information

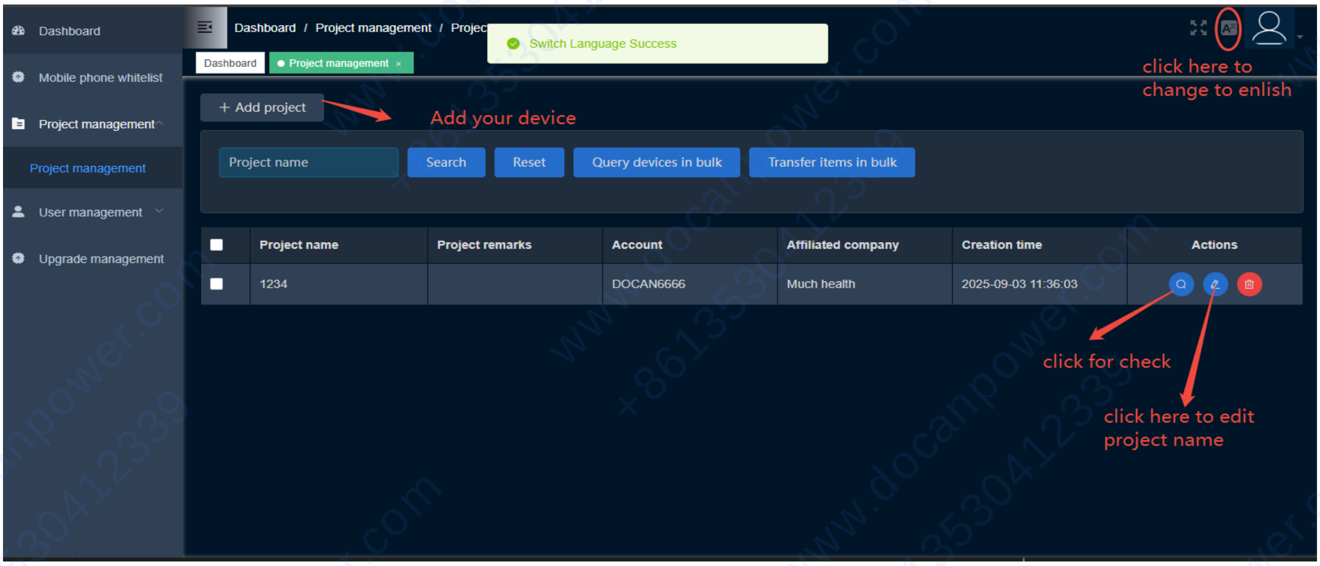


Figure 2.4.1 Equipment Management Page

To add a device, click the "Add Device" button on the Management Page. In the pop-up dialog (shown below),enter the device description and click "Confirm" to complete registration.
The added device will appear in the device list on the Management Page. Note that the device number (SN) should correspond to either the BMS manufacturer's SN or the communication module's SN,
which is determined through coordination between the BMS manufacturer and communication module supplier.
For specific details, contact the supplier. When adding devices select
the corresponding device type from the platform account's existing options.
Additional device descriptions can be customized by the client.

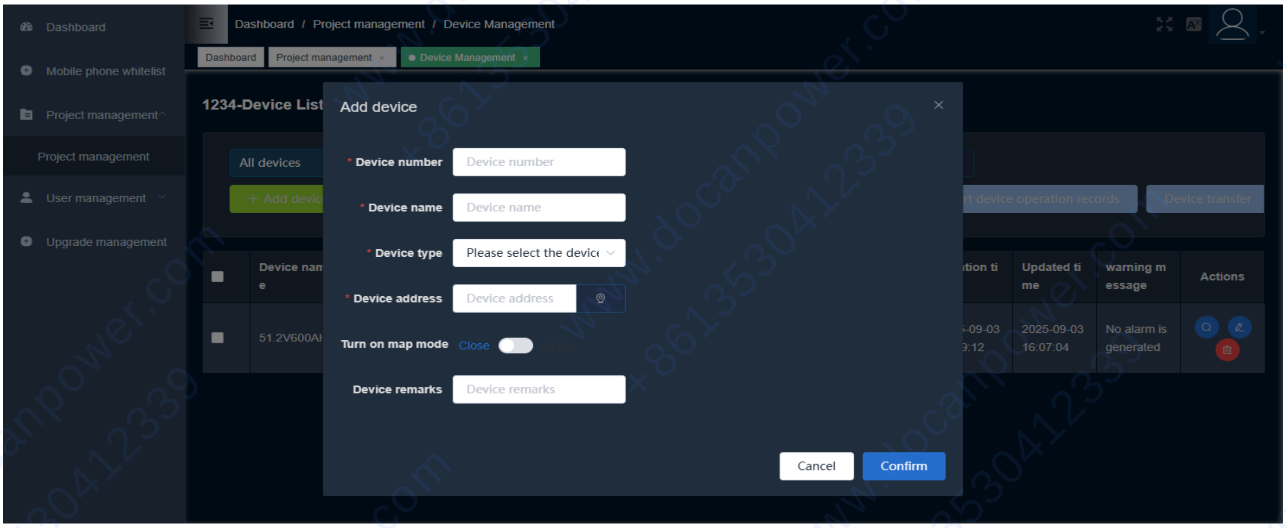


Figure 2.4.2 Enter Device Description Information in the Device Addition Box

After device registration and module network connection, the module logs into the platform, with its LED indicator transitioning to a permanent on state. When the APP connects via Bluetooth, the module's network status in the WiFi settings interface will show "Connected to Platform". The module is confirmed as successfully registered when its indicator stays on and the APP's network status indicates "Connected to Platform". This confirms that device registration on the platform has been completed without errors.

5. After completing device registration, click the "Device Details" button to view its parameter information (as shown in the figure below). Note that devices must be connected to the network. Only when connected to the network and uploading data to the platform can the platform display the device's status. Follow the network connection steps outlined earlier. Additionally, ensure the device's SN number is correctly entered during registration to prevent connectivity issues with the platform.

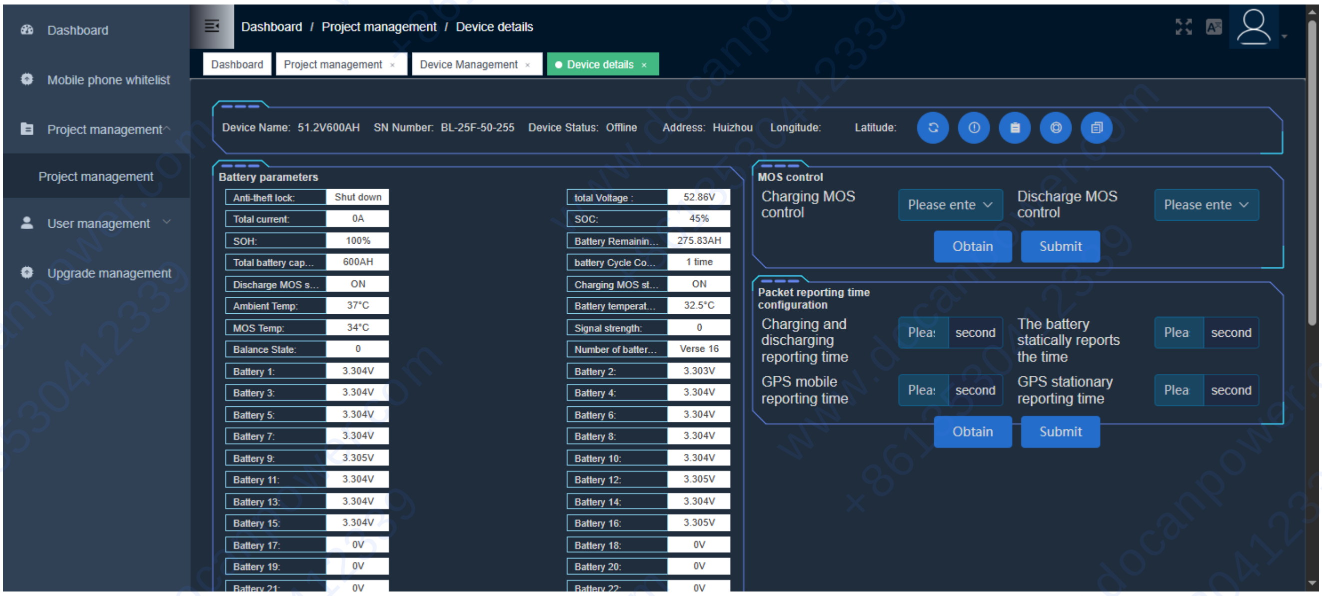


Figure 2.5.1 Equipment Details Page

The basic parameters of the device are automatically reported every 1 minute, and the alarm and protection information are automatically reported every 2 minutes. Users can also manually click the wire button (as shown in the figure below) to obtain real-time data

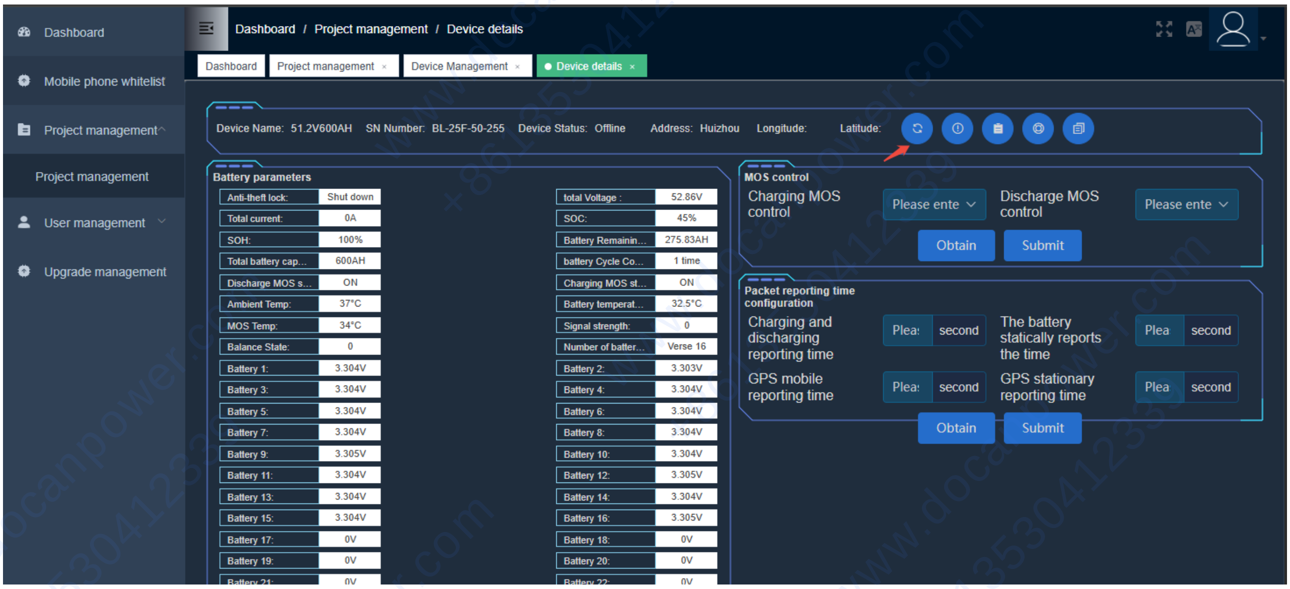


Figure 2.5.2 Refresh Button

Click the alarm data button on the device details page to view the device alarm and protection status

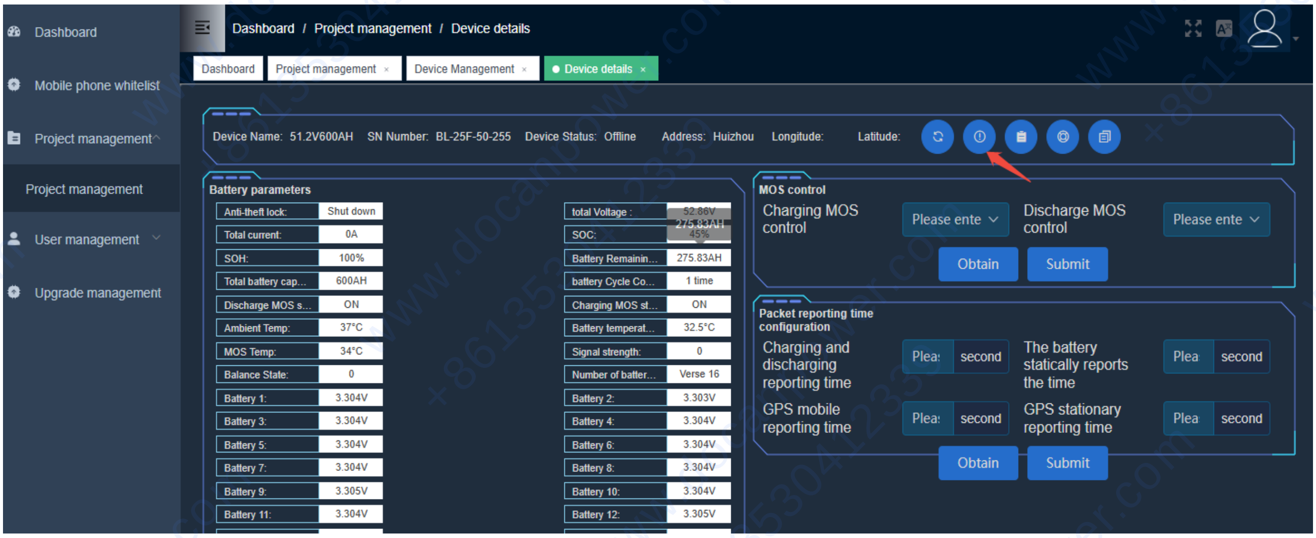


Figure 2.5.3 Alert Data Button

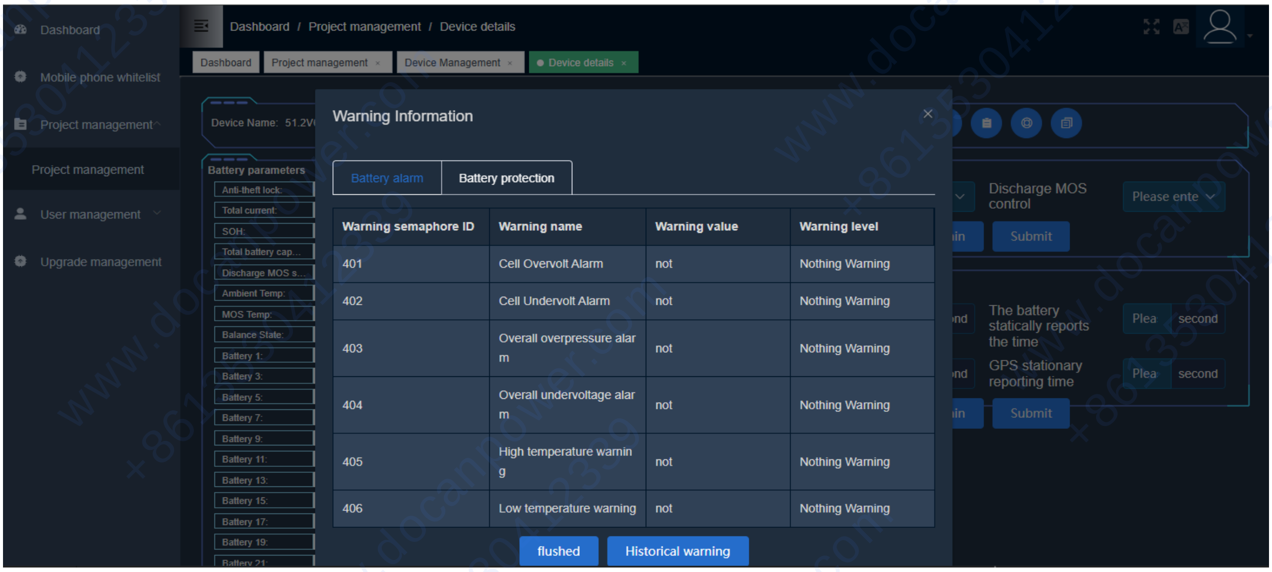
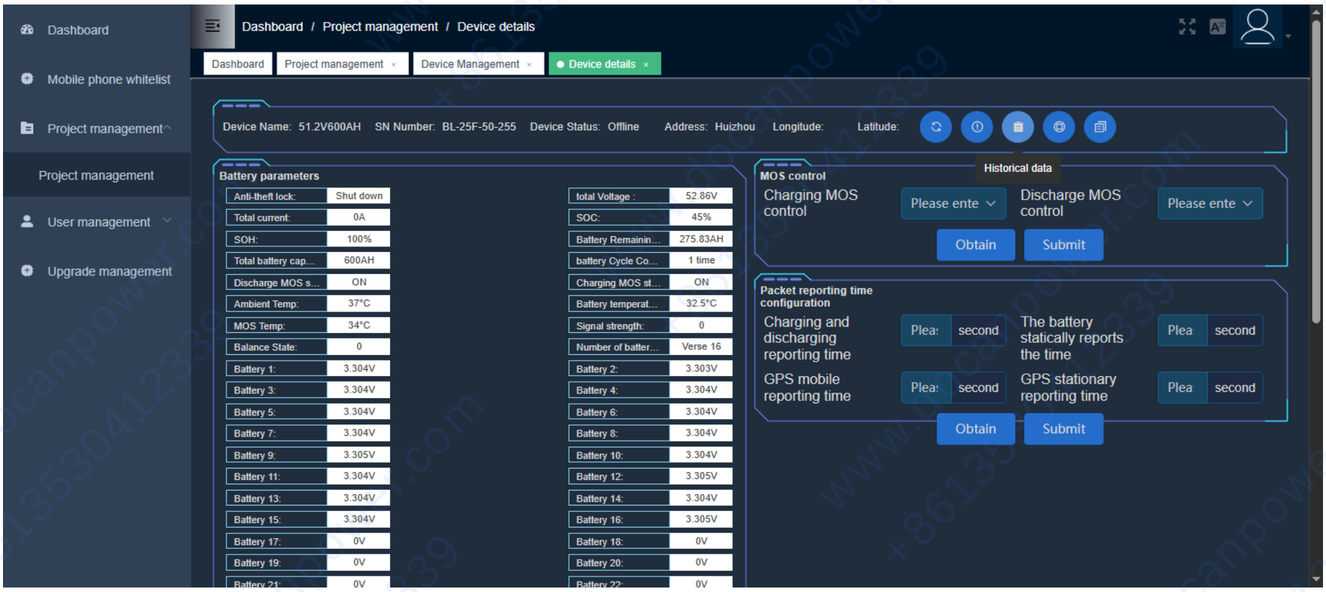


Figure 2.5.4 Alarm Data Display Interface

Click the historical data button on the device details page to view the data log reported by the device



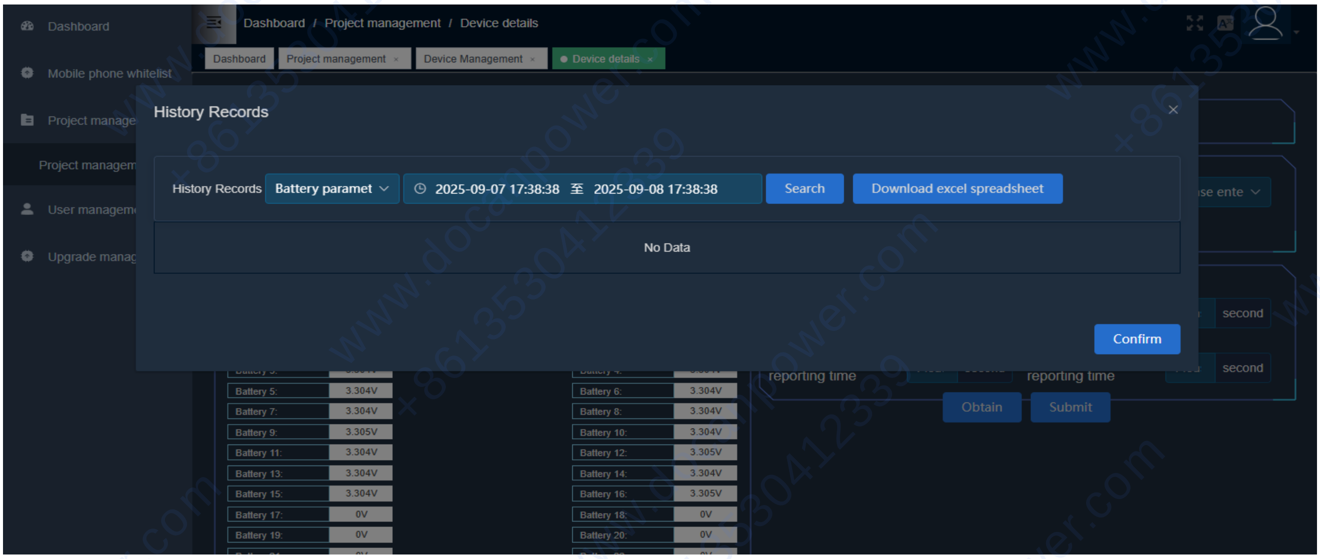


Figure 2.5.6 Historical Data Display Interface

6. There is an upgrade management section (This information only needs to be checked when the BMS manufacturer releases a software update or provides a customized product.)on the left side of the platform page, where you can upload BMS upgrade files and manage remote BMS upgrades. First, add versions and upload BMS upgrade files under the version management page of the upgrade management section.