

Smart BESS App monitor instruction

1. Software Overview

1.1 Summary

Smart BESS is a data information system designed for users to apply battery management. It possesses the functions of querying battery data, updating key network configuration, fault warning, etc. By uploading to the battery network through the battery management system, it can realize comprehensive management of mobile phone query system to create a more comfortable battery management experience for users.

1.1 Function

User registration: Users register the APP account to realize online query and management of battery data under their personal names.

Battery distribution network: Users can upload real-time battery data and operating status to the Internet through one-key distribution of the battery.

Battery addition: Add the battery distributed to the network to the user account (you need to log in the user account in advance) to view the battery data in real time.

Data query: Support users to view the current, voltage, temperature and other operating data of the bound battery; support to view any 24-hour battery operation data in data records, as well as the battery operation status, and the off-grid status.

Fault warranty: Support battery fault self-check, real-time recording of battery fault status and fault information, and data retention on battery faults.

1.3 Operating environment

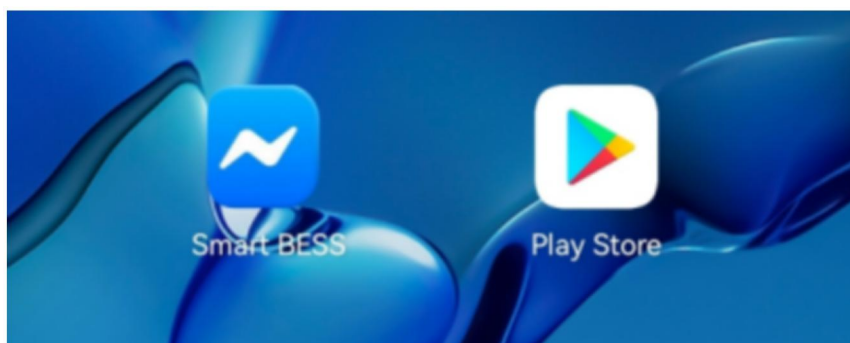
APP supports running on Android 7.0 and IOS 8.0 and above mobile phones.

1.4 Software Installation

(1) Installation on Android

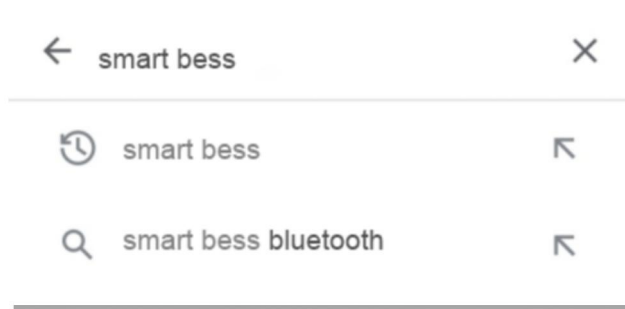
① Google mall installation

■ Open Google Play Store

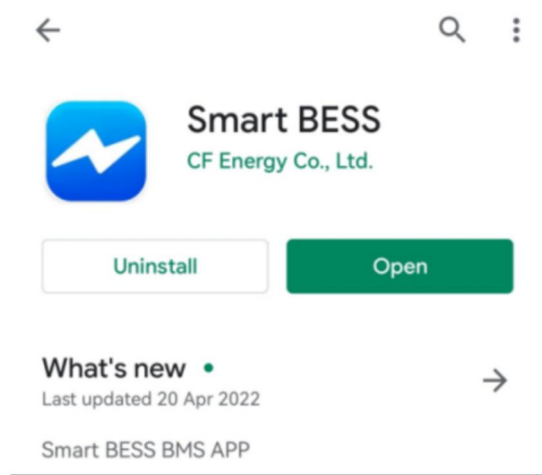


■ Search Smart BESS on Google Play Store





- Select to enter the Smart BESS application details page, click to download and install

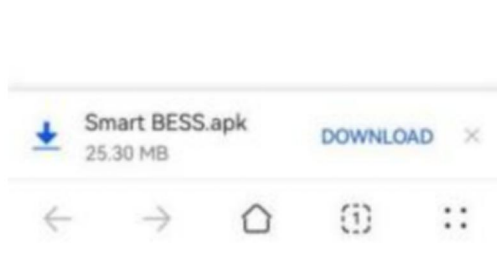


② APK installation page

- Scan the QR code of the APK installation package to download

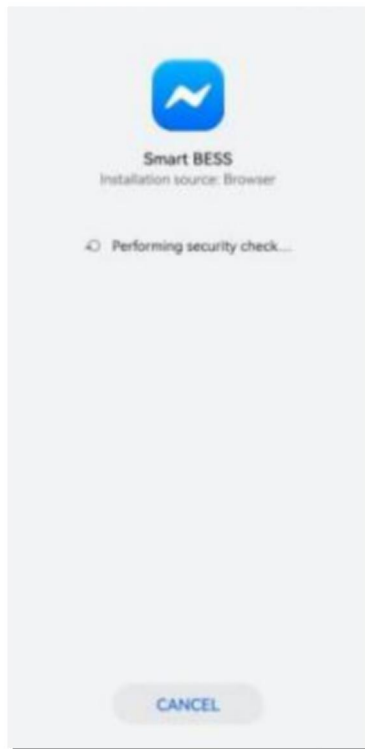


- After the application download prompt pops up, choose to agree to download the Smart BESS installation package

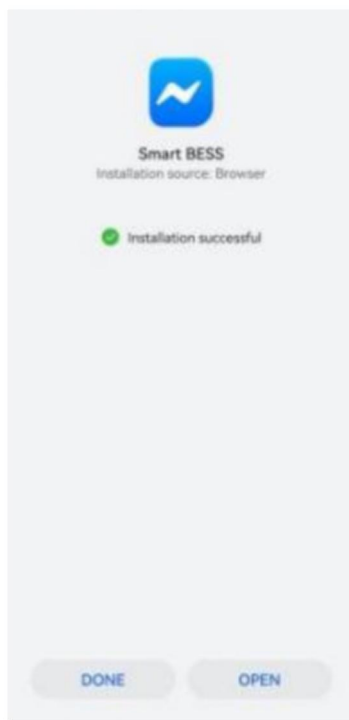


- Manually install the downloaded Smart BESS installation package



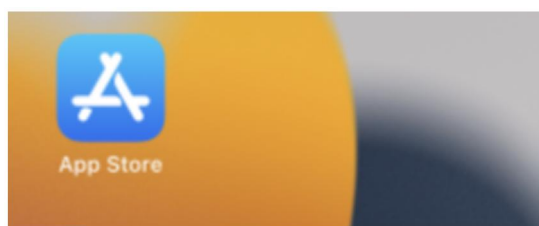


- After waiting for the installation of the Smart BESS installation package to complete, you can open it for use



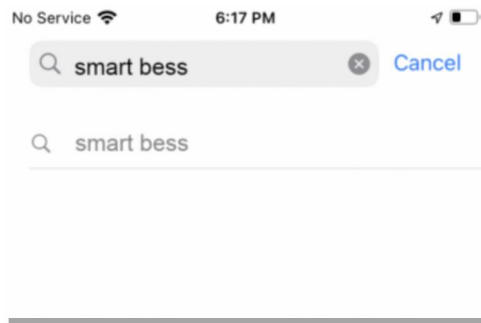
(2)IOS installation

- Open IOS's own application store

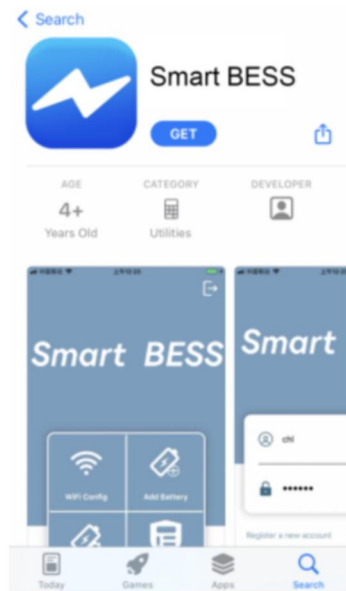


- Search for Smart BESS in the APP Store





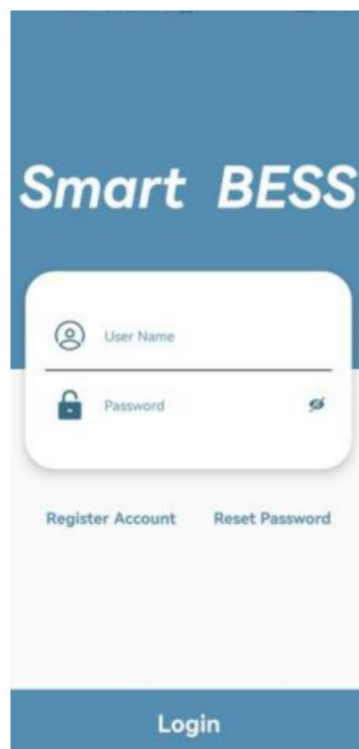
- Enter the Smart BESS application details page, and click GET to install



2 Instructions

2.1 User registration

- Open the Smart BESS APP and Click Register to continue



- Enter the Register page, input the user name, email, and six-digit string password, click T&Cs and



Privacy policy, you can view the user agreement, agree to the agreement to confirm the check, and then click the Done button to complete the registration

Register

User Name

test1

E-mail

test1@mail.com

Password

123456

Confirm

123456

Password at least 6bits

☒ I have read and agreed to T&Cs and Privacy policy

Done

T&Cs and Privacy policy

Disclaimer

Before agree, please pay attention to this disclaimer and Terms of service:

If you are the Smart4 battery user, you can ignore this disclaimer and read the following Terms of service.

But, if you're the installer and/or electrician, please make sure your customer are aware of this Terms of service, otherwise, Smart will not be legally responsible for subsequent disputes.

Terms of Service

This Terms of Service is made to explain our Privacy Policy and reflect changes required by the European General Data Protection Regulation (European union) , the Privacy Act 1988 (Australia), Privacy Act 1976 (American) and other countries or Economic communities' privacy Act, and it aims to offer you better experiences while using Smart product and other services.

Smart, which will be referred to as "we" or "our", and the data subject, which will be referred to as "you" or "your".

1. Services we provide

(1) Account Registration

You can register a unique account by scanning bar code of battery, which attach on the battery right side.

(2) Data Acquisition

After the battery registered successful, the data will be carefully processed and stored.

(3) Data Display and Statistics

Real-time and historical data related to will be displayed in your account (depending on real application scenario and the condition of network connected). Meanwhile, the fault code will be released when a fault occurred.

2. Our Data Policy

(1) Processing

We'll process your battery operating data in order to provide the services above mentioned. These processing includes real-time operating data collecting, recording, storing, interacting, analyzing, and associated alignment or combination, by authorized means after battery registered.

(2) Information Providing

When we collect your personal data, we shall at the same time provide you with:

2.2 User Login

- After successful registration, it will automatically return to the login page, enter the registered user name and password, and click Login to log in.

Smart BESS

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Register Account

Reset Password

Login

2.3 Homepage introduction

- After the login is completed, you will enter the main function page of the APP, which are: **WiFi**

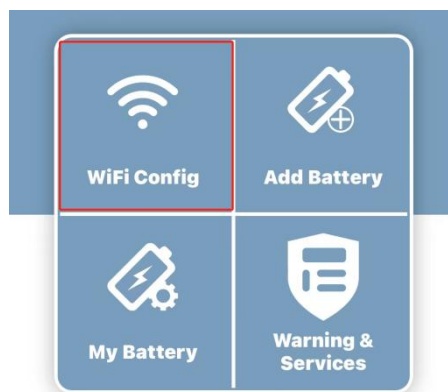


Config、Add Battery、My Battery、 and Warning & Services.

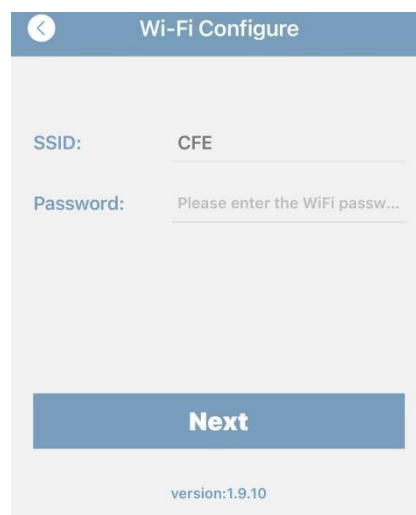


2.4 WIFI Configuration

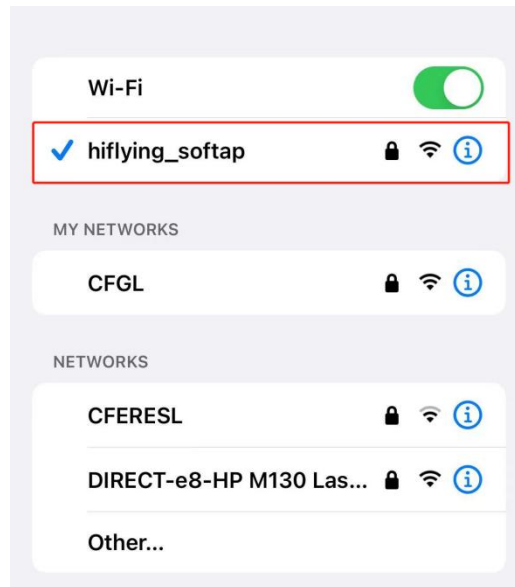
- ① Select WiFi Config to configure the battery network.



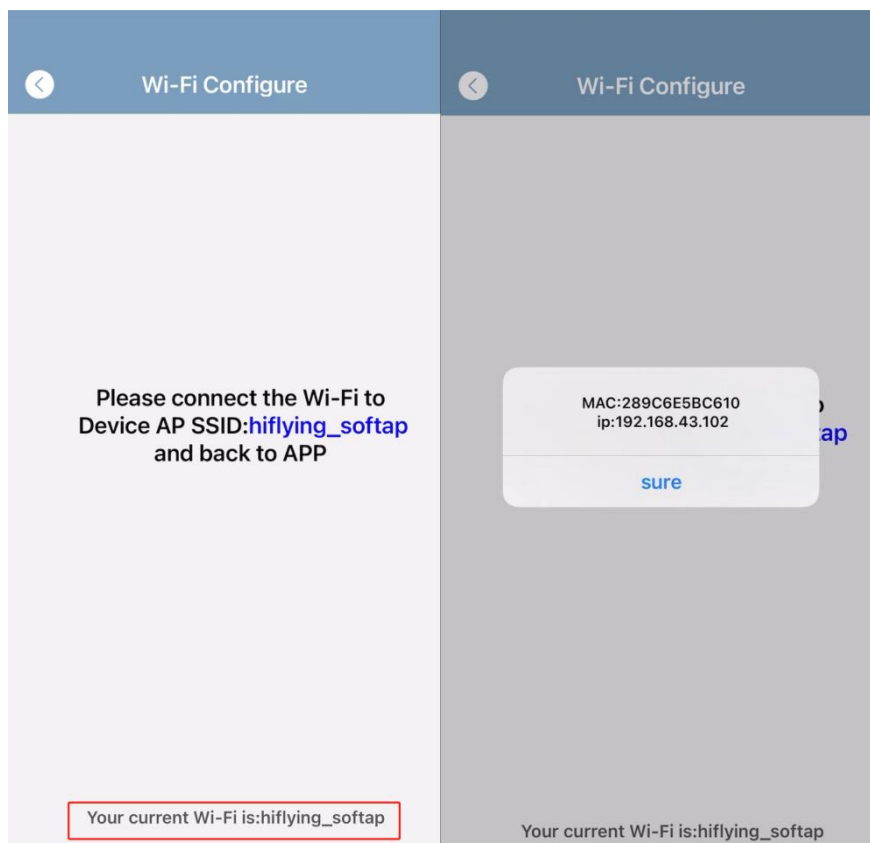
- ② Before operation, please pay attention to the WIFI connected with network communication, and turn on the battery at the same time;
- ③ SSID refers to the name of the current mobile phone connected to the WiFi, which is obtained automatically;

The image shows the 'Wi-Fi Configure' screen of the application. It has a blue header with a back arrow icon and the text 'Wi-Fi Configure'. Below the header, there are two input fields. The first field is labeled 'SSID:' and contains the text 'CFE'. The second field is labeled 'Password:' and contains the placeholder text 'Please enter the WiFi passw...'. At the bottom of the screen, there is a blue button with the text 'Next'. Below the button, the text 'version:1.9.10' is displayed.

- ④ Password means the current WiFi password, which needs to be entered manually;
- ⑤ Click NEXT, connect to Battery WiFi of which AP SSID is ' hiflying_softap ';



- ⑥ Back to Smart BESS, the APP will automatically configure WiFi for the battery.

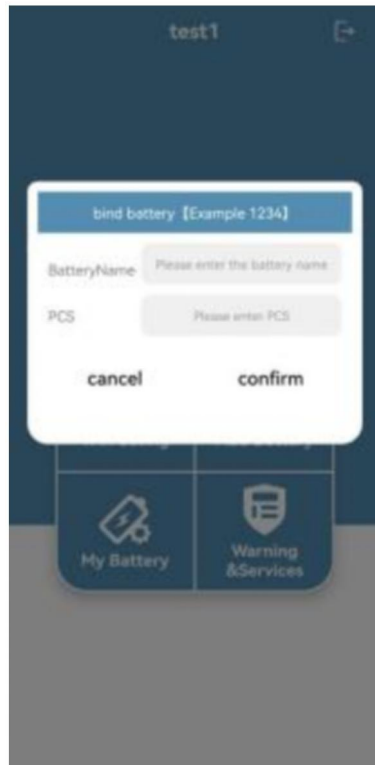


Scan the QR code to watch WiFi configuration video instruction



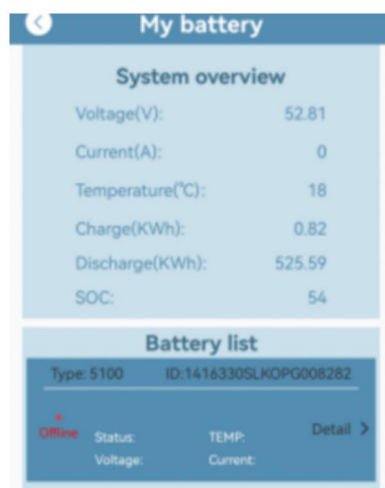
2.5 Add Battery

- After the battery is connected to the network, select Add Battery to add the battery, click it to enter the automatic code scanning page, scan the bar code of the battery shell at this time, and a battery information dialog box will pop up after success. You can customize the battery name and connect the PCS name. Click Confirm to save the battery information, and add as many batteries as there are here.

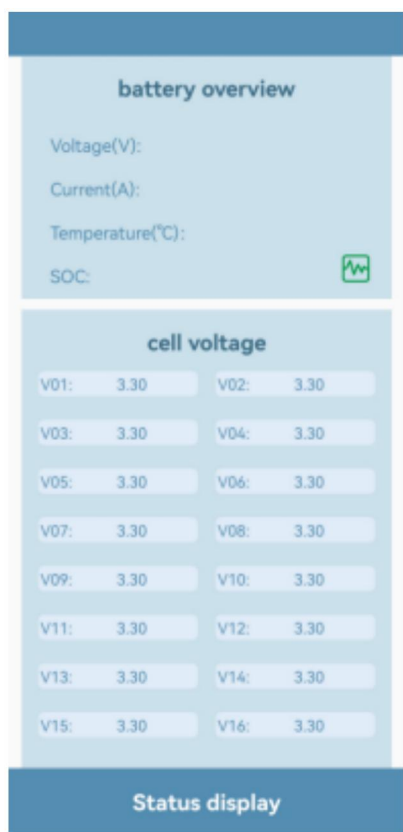


2.6 Battery Management

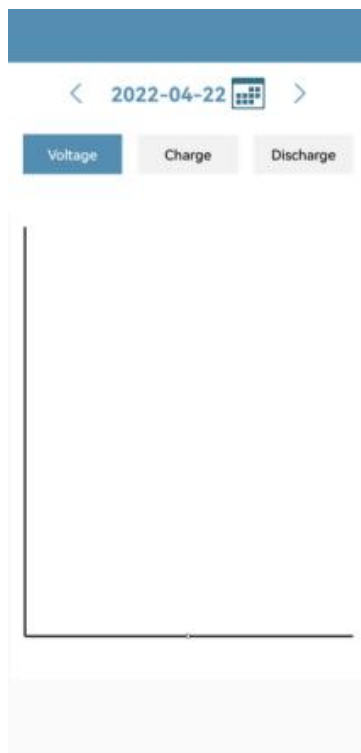
- After completing the distribution network and adding batteries, click My Battery to view the information of added batteries. The page of System overview displays comprehensive data of the current battery system: Voltage(V), Current(A), Temperature(°C), Charge(KWh), Discharge(KWh), SOC. All currently added batteries are displayed in the Battery list. The information of Status, TEMP, Voltage, and Current is displayed in the single battery list, and Online/Offline shows the current battery status. Click Detail to view the detailed data of the single battery.



- The battery overview details page displays the current battery cell data: Voltage(V), Current(A), Temperature(°C), SOC, and the single cell voltage of the battery is displayed under Cell Voltage. Click Status display to view the single cell data curve.



- The Status display page supports querying the 24-hour battery voltage, charge and discharge history records at any time point.

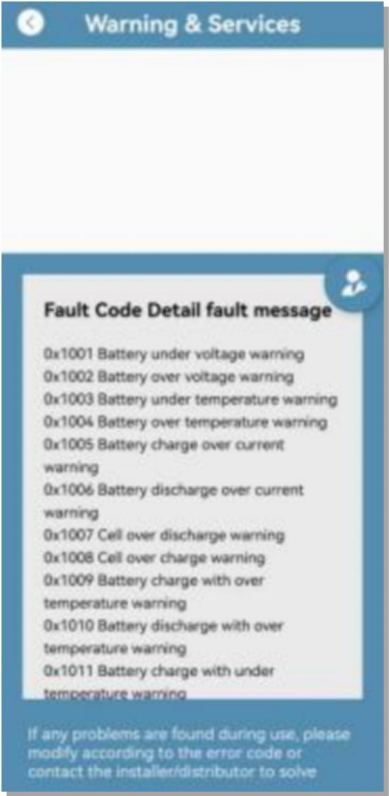


6.2.2.7 Fault Warning

- After clicking on the Warning & Services page, the battery number, failure type, failure time, solution



cycle and other information will be automatically displayed when the battery is faulty. For problems that cannot be solved, you can also contact the local supplier for corresponding solutions.



2.8 Other Functions

- User password modification: Click Reset Password on the login page to enter the password reset interface, enter the current user name in the User Name column, and enter the battery ID bound by the current user for Battery ID or scan the code to enter the battery ID. After clicking Done, the password will be the default reset to 123456.

