

EP600 Energy Storage System

App User Manual

BLUETTI App

1. Introduction

BLUETTI App allows you to monitor and control the EP600 energy storage system (ESS) in the palm of your hand via Bluetooth or WiFi, with features like Real-time Alarm, Error Message, Data Collection, Operation Status, Parameter Configuration, and Firmware Upgrade.

Note:

Supported operating systems: Android 8.0 or above, iOS 11.0 or above.

Bluetooth is available on your phone.

The router supports WiFi of IEEE 802.11 b/g/n, 2.4GHz.

BLUETTI recommends a router with WPA or WPA2_PSK encryption. EP600 ESS doesn't support enterprise encryption (commonly used on public WiFi networks that require user authentication, like airport hot spots) and WEP and WPA TKIP encryption.

Pictures shown below are for illustration only. Actual UI may vary.

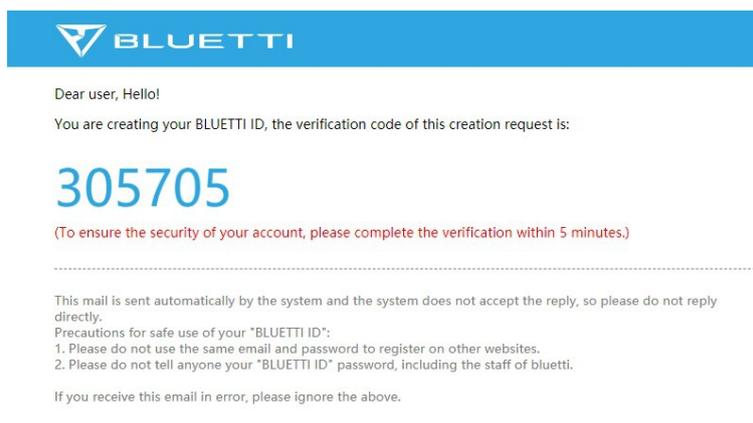
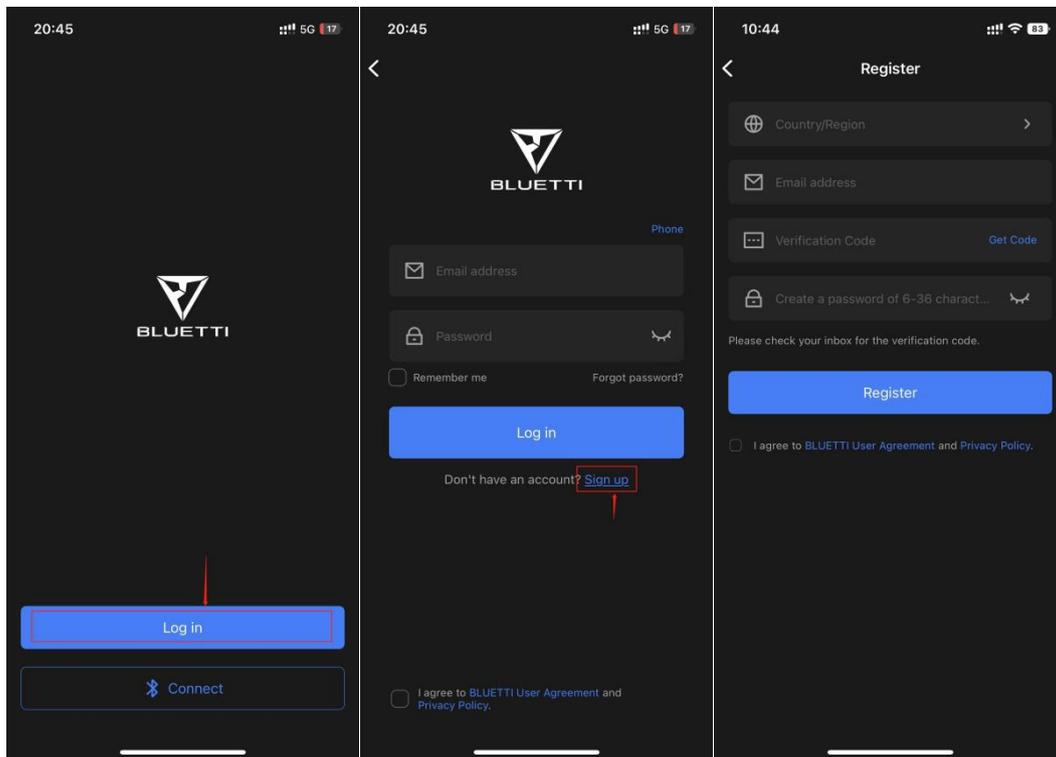
2. Download

Scan the QR code below to download the BLUETTI App, or search for "BLUETTI" in the App Store/Google Play.



3. Registration

Click "Log in" on the home page to enter Login page, and then click "Register" to create your BLUETTI account.

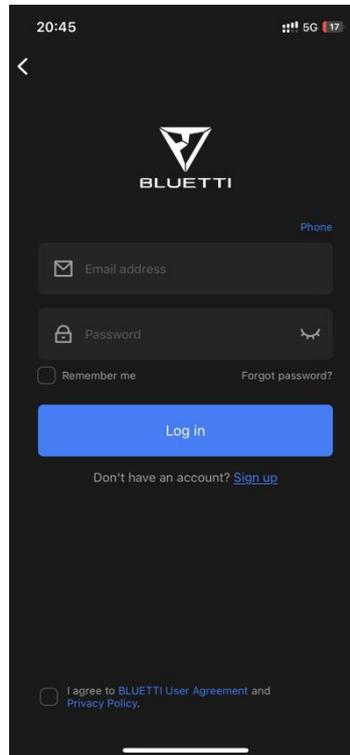


Note: If you do not see the email with verification code, check your "Junk mail" folder or "Spam" folder. If you don't find the email, there may be a delay and please try "Get Code" again. Please contact the BLUETTI customer service if the code is still unavailable.

4. Login

Input your account details to log in.

Note: Please make sure BLUETTI App has access to your phone network.



5. Bind & Unbind

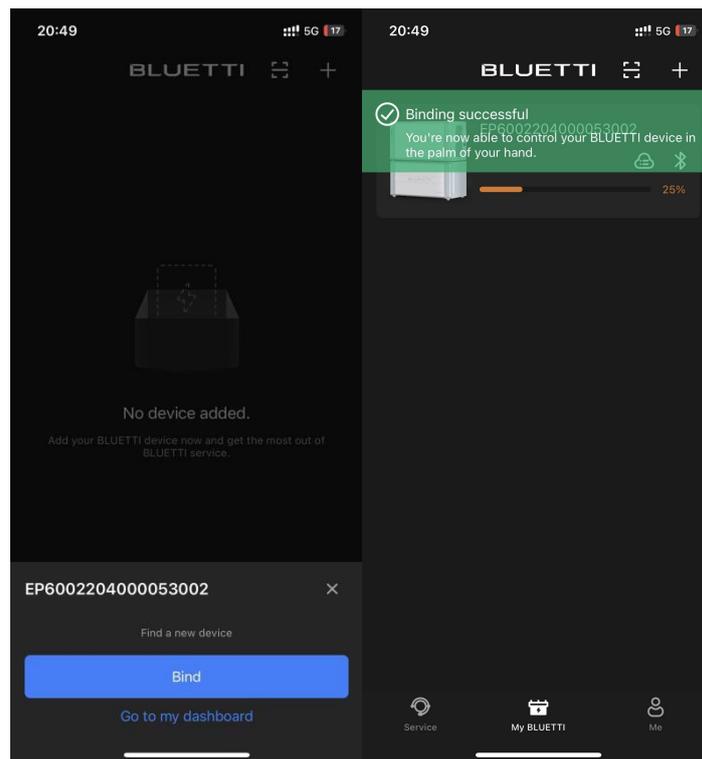
Before binding or unbinding, please make sure that

- BLUETTI App has access to your Bluetooth and location service (GPS).
- You've enabled the Bluetooth and GPS on your phone.
- EP600 ESS is in operation.

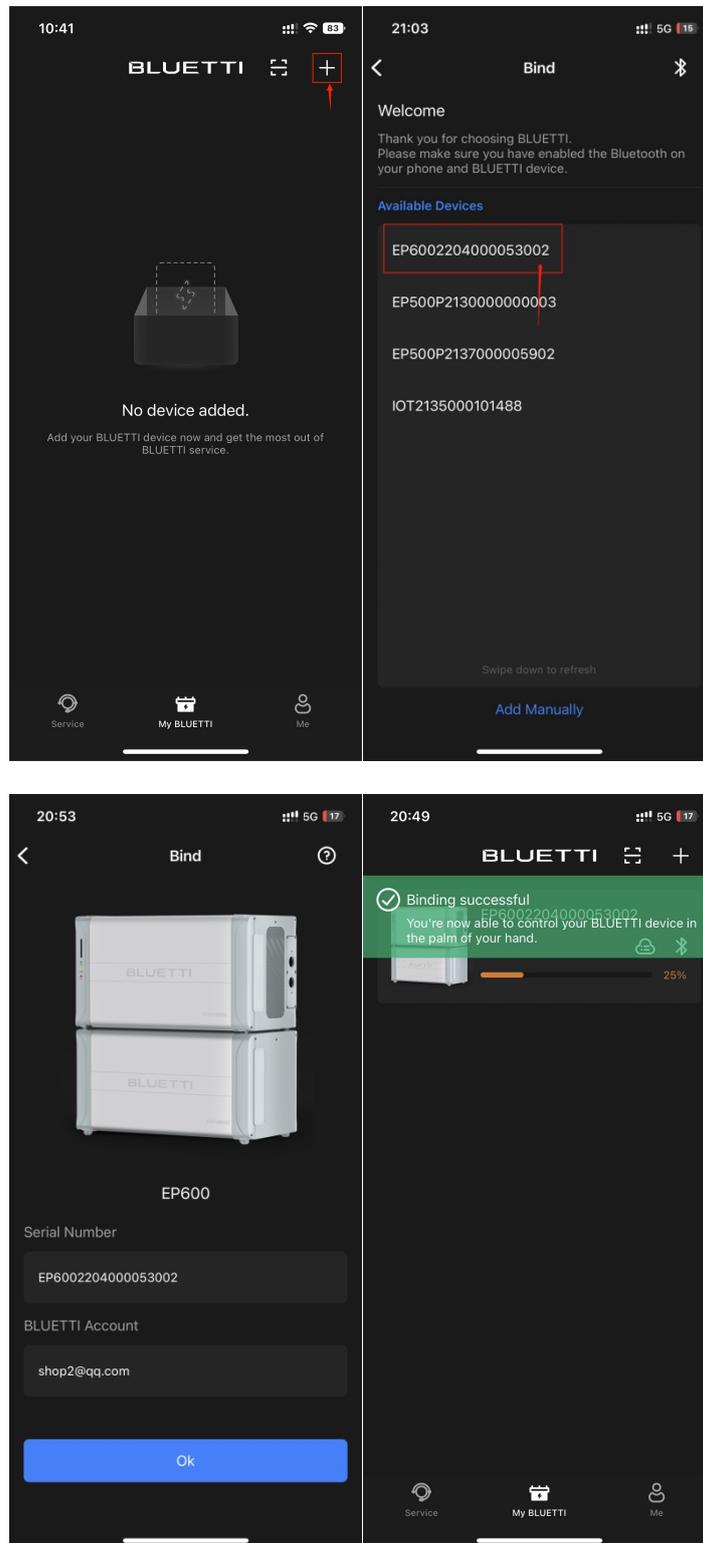
There are several ways to bind or unbind your EP600, choose an option below.

5.1 Bind

1: If you haven't registered your EP600 ESS yet, the App will automatically search for nearby Bluetooth devices when you enter the My BLUETTI page. Select your EP600 ESS in the pop-up and bind.

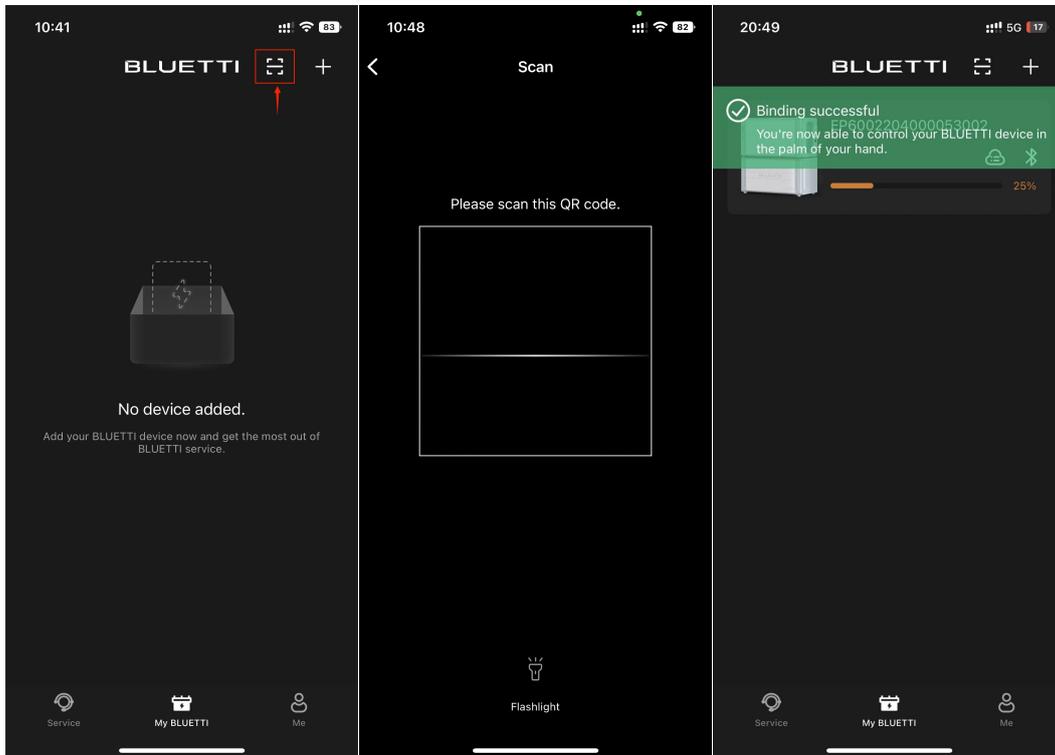


2: Click "+" to search for nearby Bluetooth devices. Select your EP600 ESS in the available device list and bind.



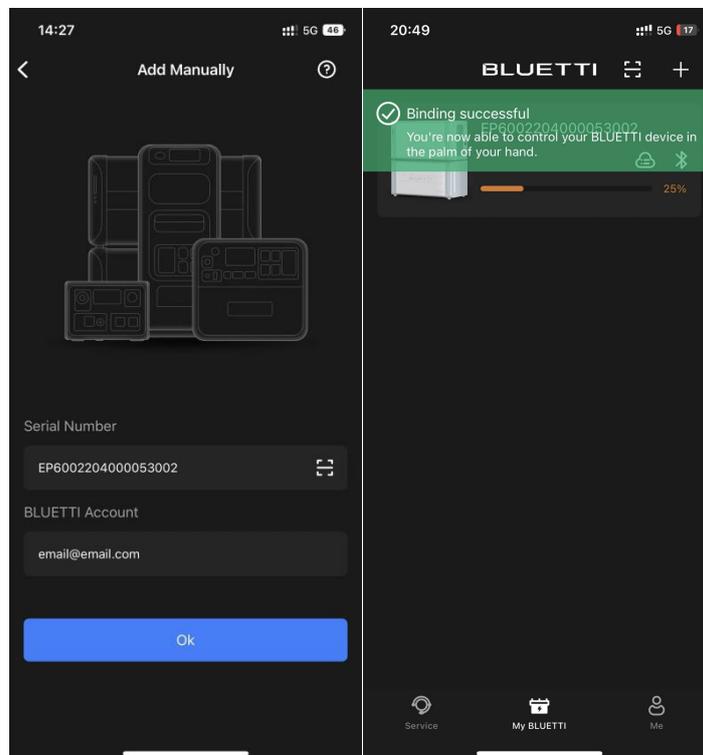
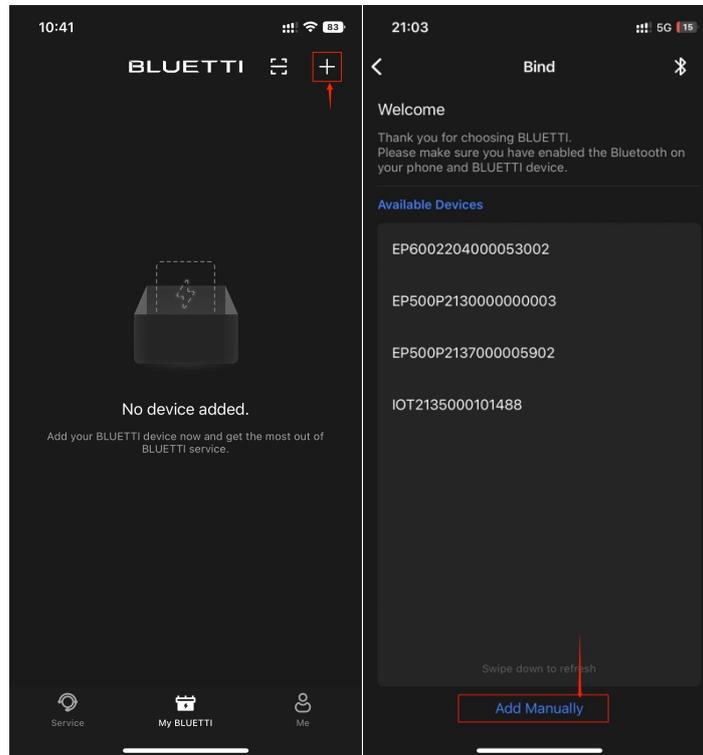
3: Click "" to scan your EP600 QR code.

Note: The QR code is printed on the side of EP600.



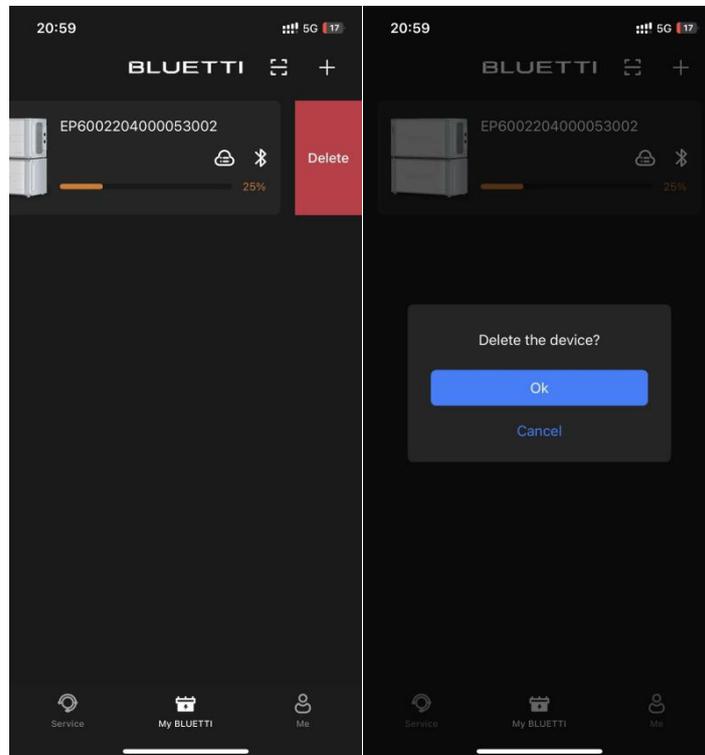
4: Click "+" and "Add Manually". Fill in your device Serial Number (SN) and BLUETTI account to bind.

Note: The device SN is located below the QR code.

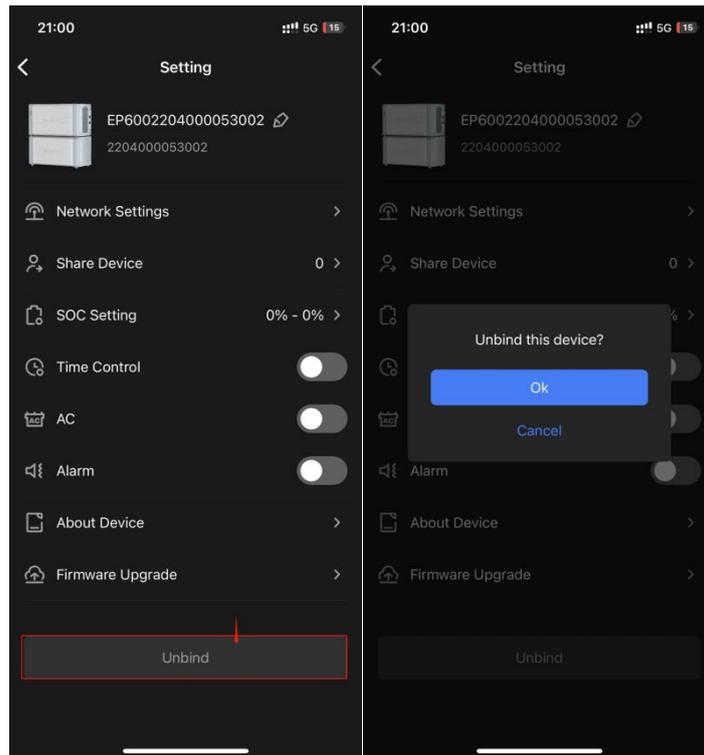


5.2 Unbind

1: In the BLUETTI device list, long press the device you want to unbind (Android) or swipe left (iOS), and click "Delete" to unbind.



2: Connect to EP600 ESS via Bluetooth, click " to enter the Settings page, and click "Unbind".



Note:

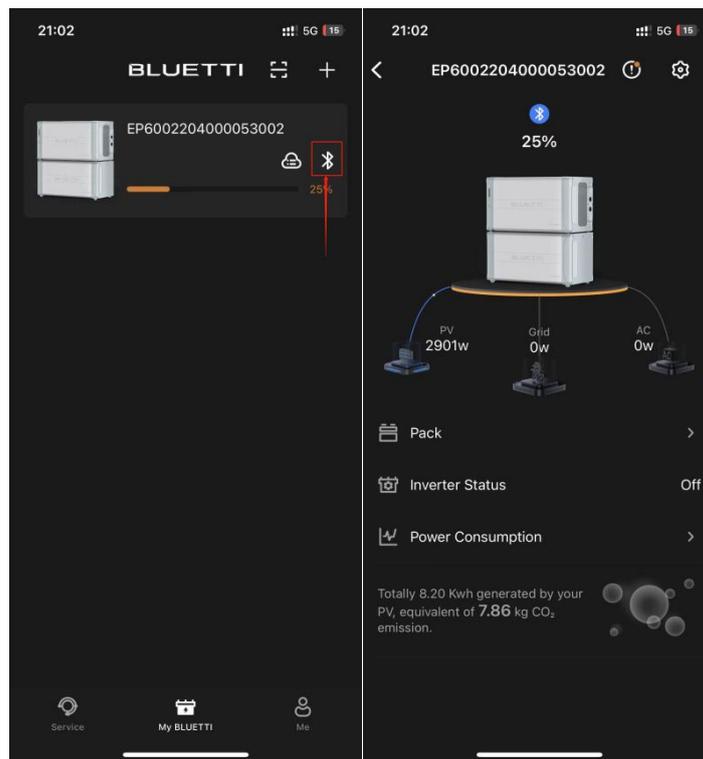
Your BLUETTI EP600 ESS can be bound to one account **ONLY**, while can be shared with multiple accounts (see EP600 ESS Sharing for details).

A BLUETTI account can be bound to multiple BLUETTI energy storage systems.

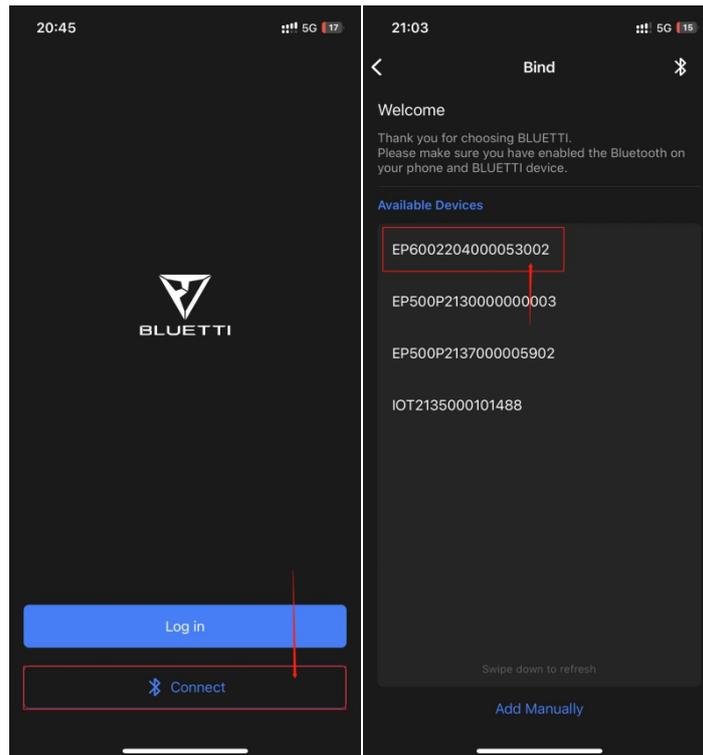
6. Connection

6.1 Bluetooth

1: If you've logged into your BLUETTI account, which is associated with the EP600 ESS you want to connect, click "📶" on My BLUETTI page.



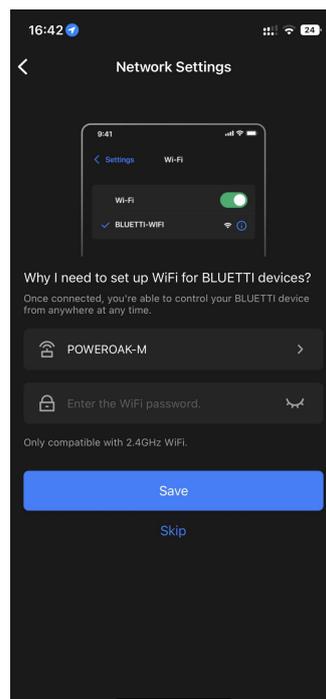
2: If you haven't registered an account, click "📶 Connect" on home page for Bluetooth Direct Access.



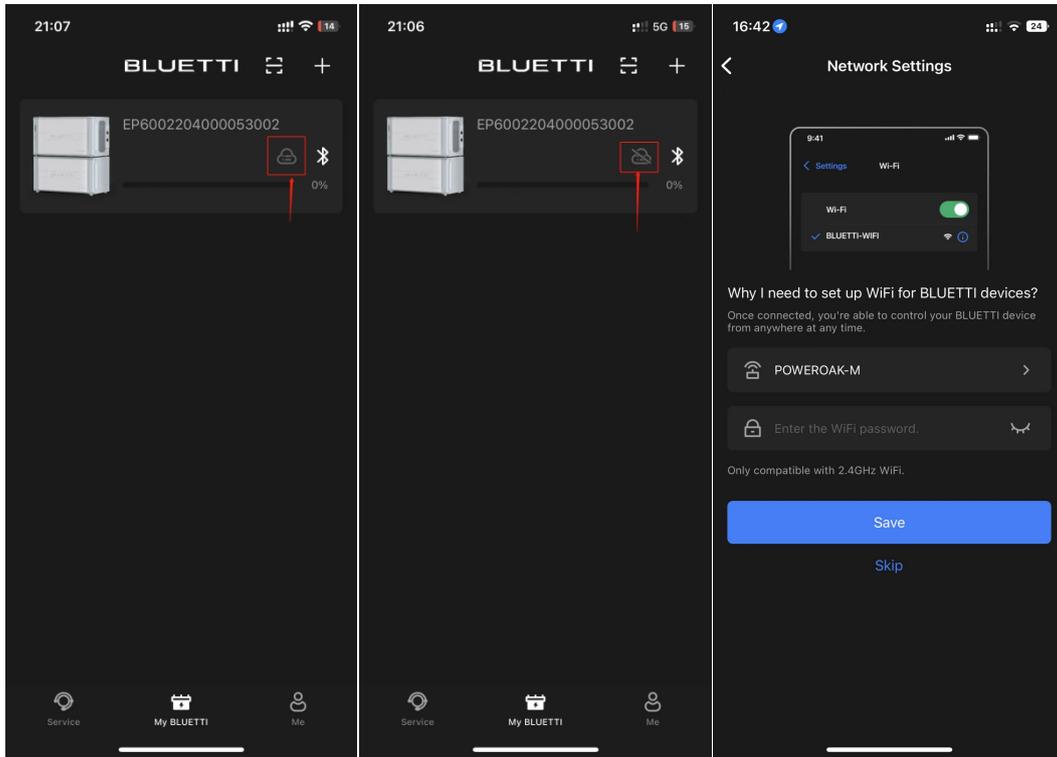
6.2 WiFi

6.2.1 WiFi Configuration

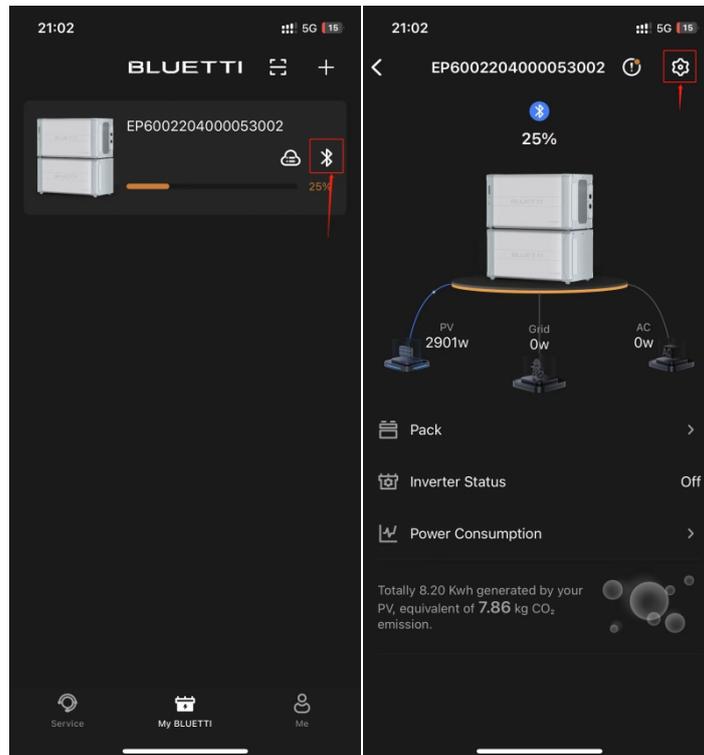
1: After successfully binding your EP600 ESS, set up the WiFi network.

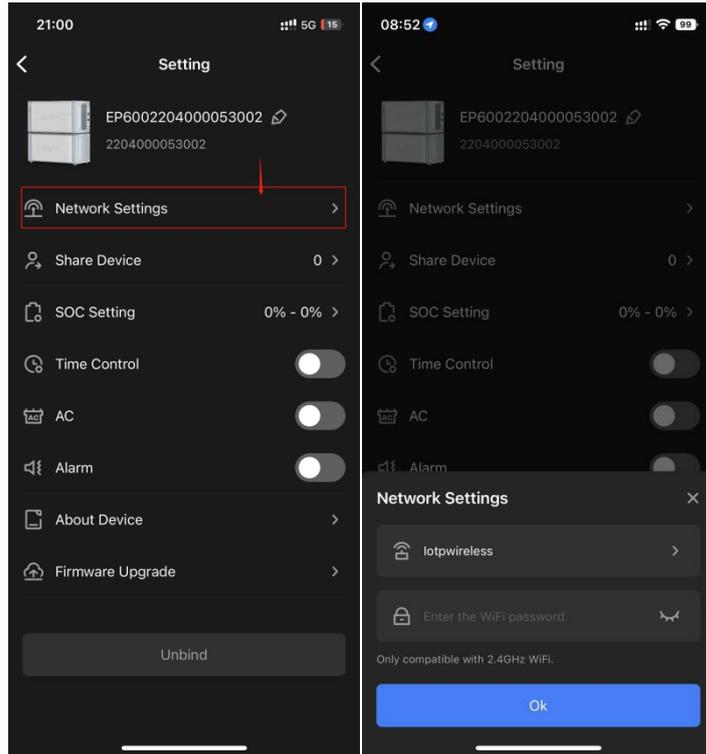


2: When your EP600 ESS's network is "🌐" or "📶", click the icon to set up the network.



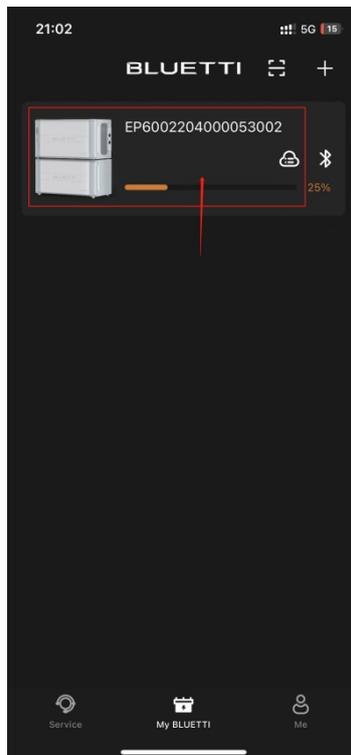
3: In the case of Bluetooth Direct Access, click "⚙️" to enter the Settings page and then set up the network.





6.2.2 WiFi Connection

In the BLUETTI device list, click on the area as shown below and the App will connect to your EP600 ESS via WiFi. As long as your phone has internet access, you're able to control your EP600 ESS anytime, anywhere.



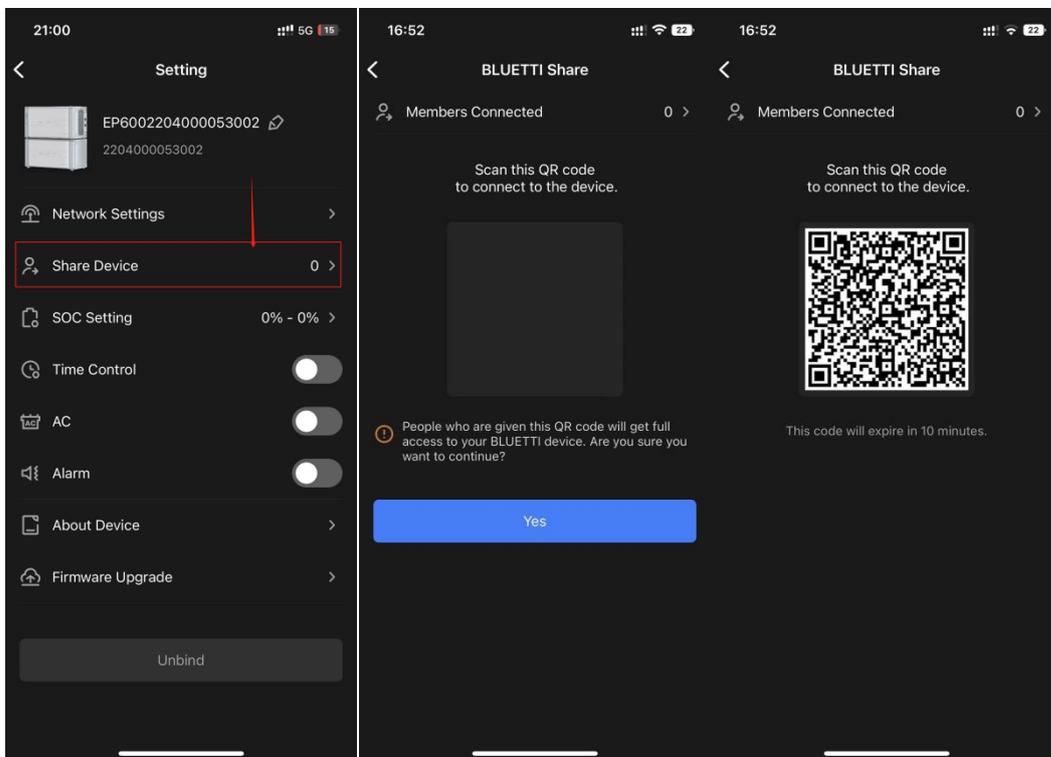
Note: The IoT controller supports 2.4GHz WiFi ONLY.

7. EP600 ESS Sharing

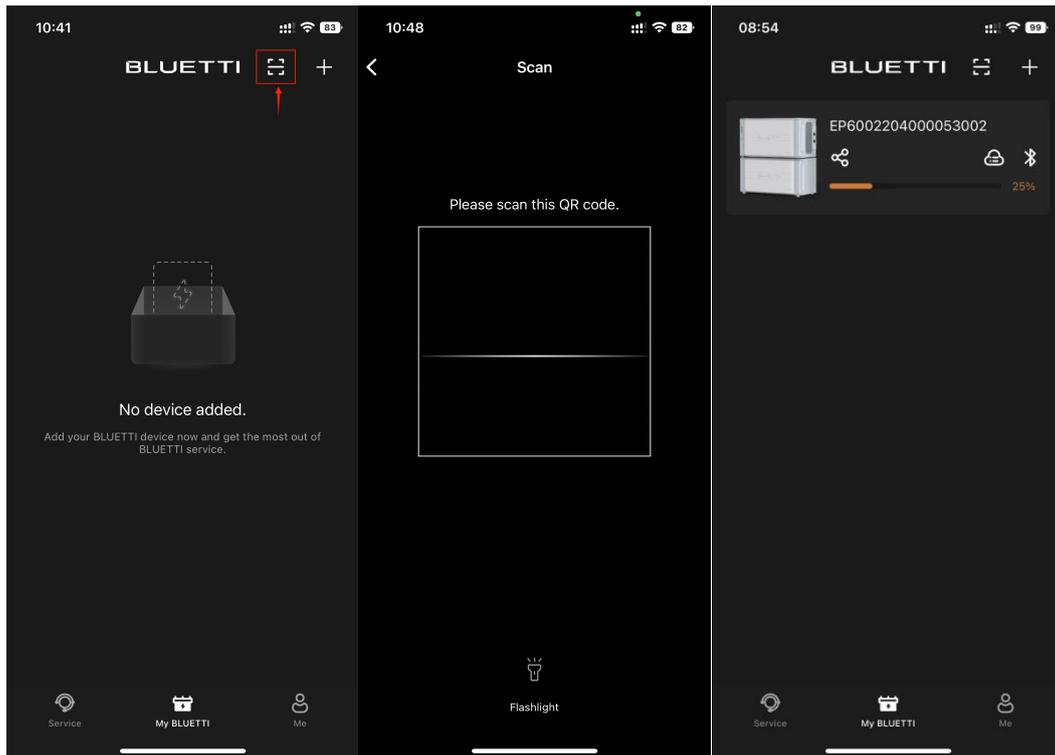
Before you share EP600 ESS to your family or friends, please make sure:

- You've logged into your account bound to EP600 ESS.
- They have their own BLUETTI accounts.

Connect to your EP600S ESS via Bluetooth or WiFi, click the "⚙️" in the upper right corner of the real-time operation page and enter the Settings page. Click "Share Device" to generate a QR code.



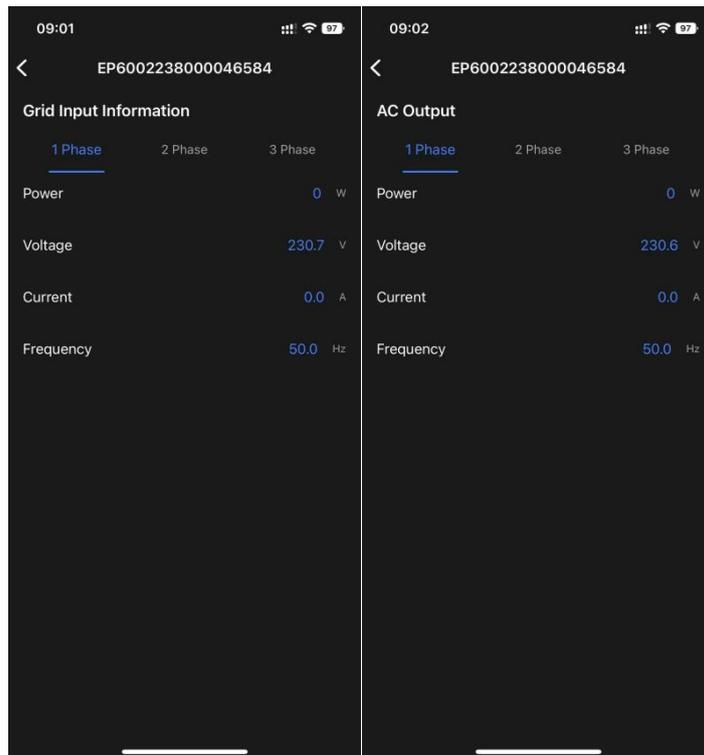
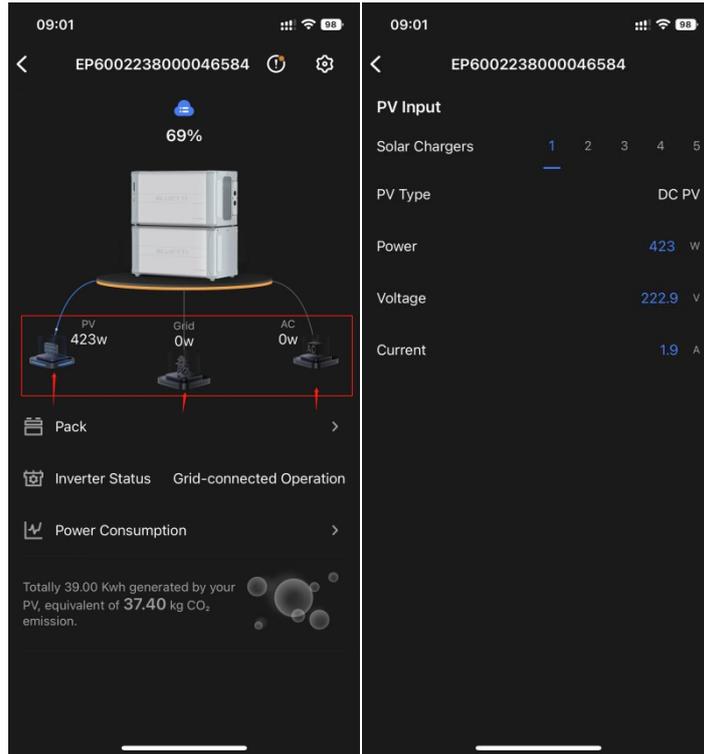
Login the account your EP600 ESS will be shared with, click "📱" to scan the generated QR code.



Note: The QR code will expire in 10 minutes.

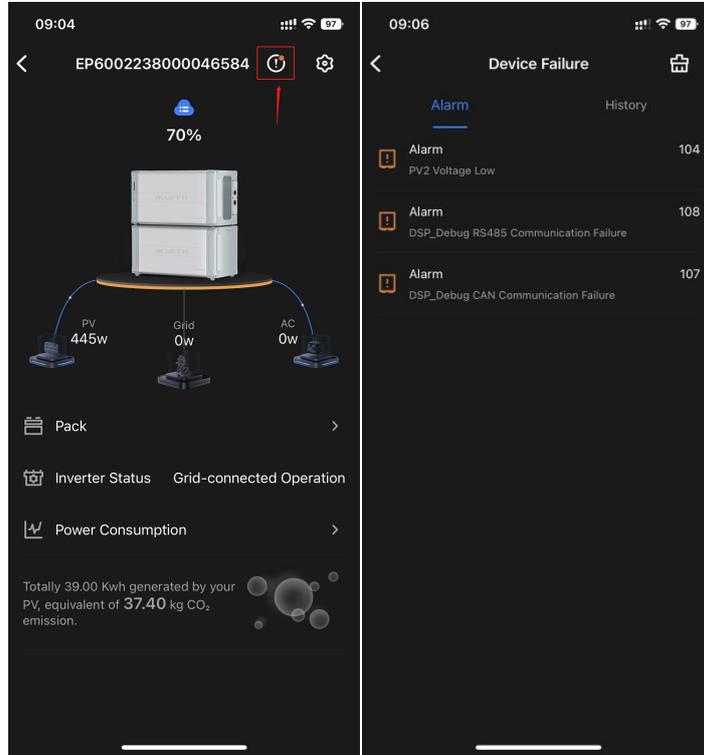
8. Inverter Status

Once connected to EP600 ESS, you'll enter the real-time operation page which offers you an overview of your power consumption. You can turn ON/OFF the device, AC and DC inputs/outputs, and much more by clicking corresponding buttons.

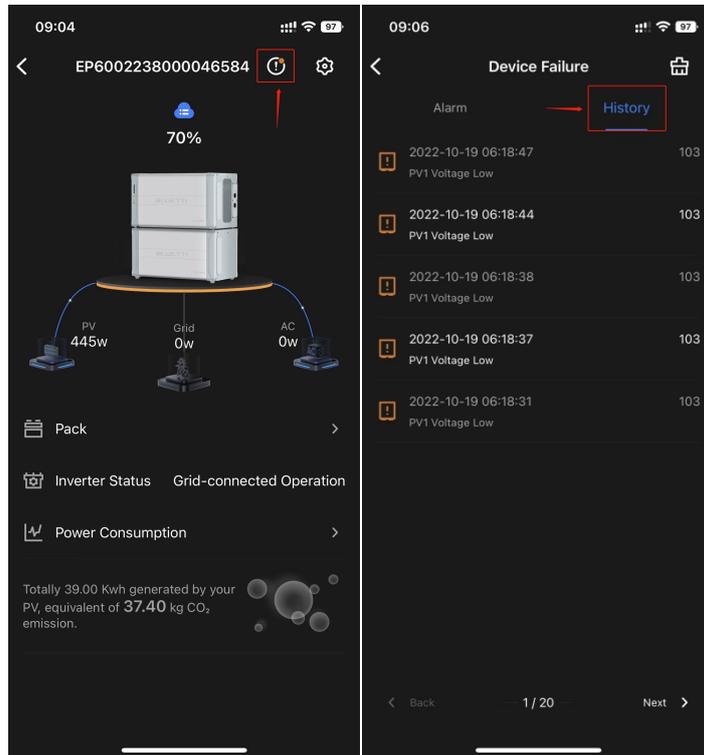


8.1 Inverter Alarm

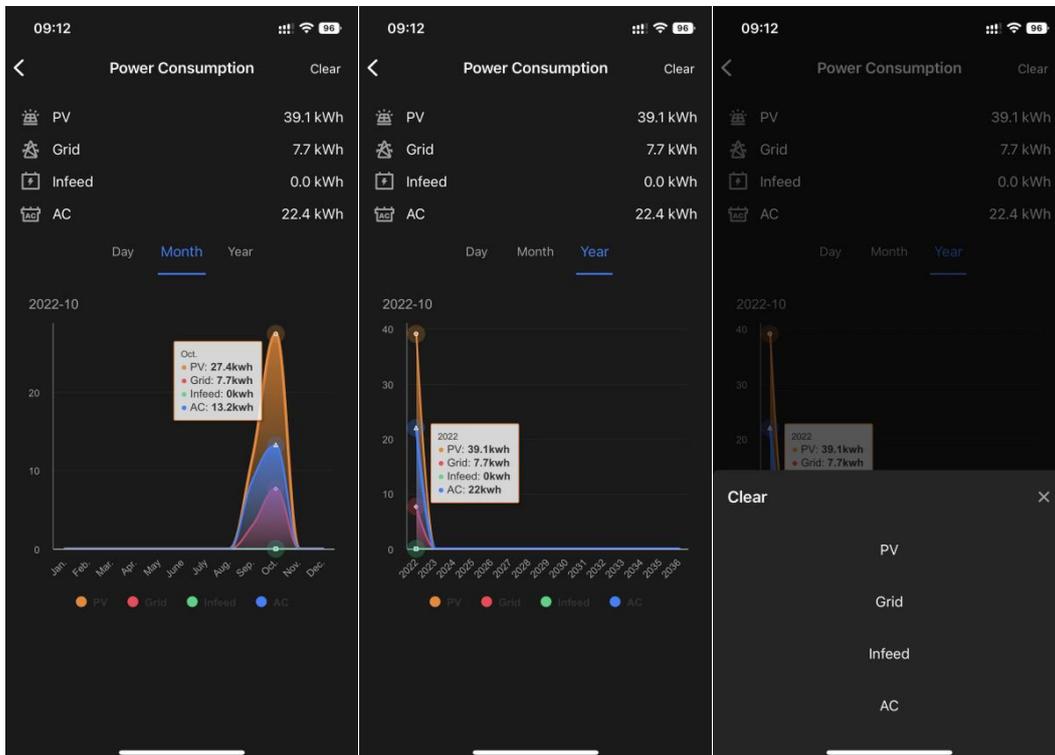
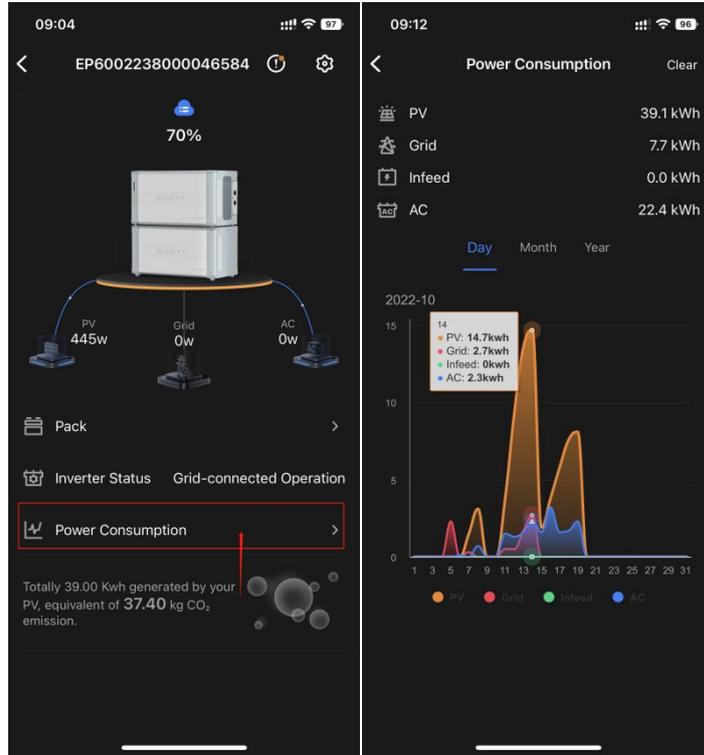
Current Alarm



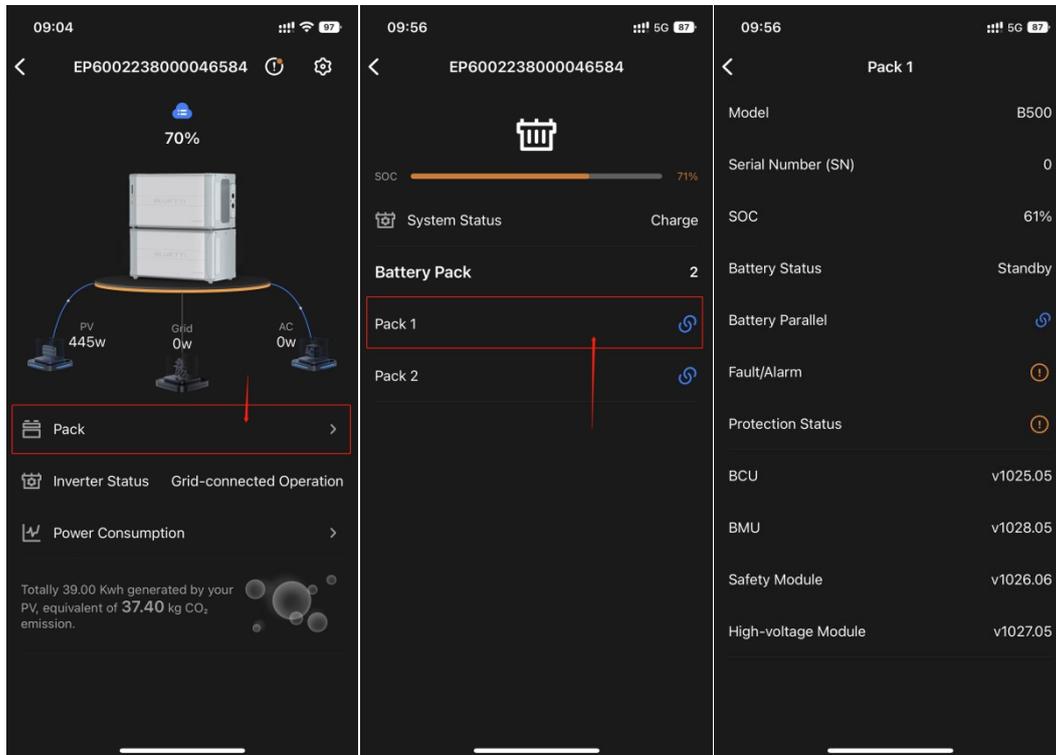
Alarm History



8.2 Power Consumption



9. Battery Pack Status

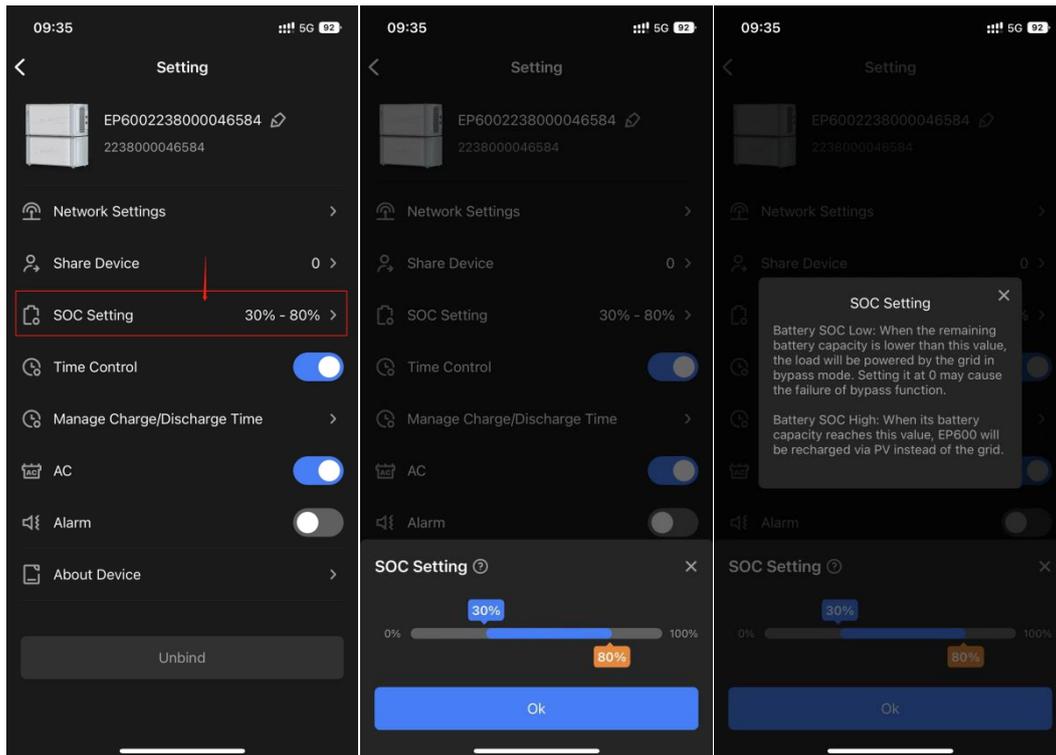


10. Settings

10.1 SOC Setting

Battery SOC Low: When the remaining battery capacity is lower than this value, the load will be powered by the grid in bypass mode. Setting it at 0 may cause the failure of bypass function.

Battery SOC High: When its battery capacity reaches this value, EP600 will be recharged via PV instead of the grid.



10.2 System Charging And Discharging Time Setting

Parameter Description

Parameter	Setting description	Range
Label	Charging: EP600 ESS charges only. Discharge: EP600 ESS discharges only. Default: EP600 adopts the default self-consumption strategy.	<ul style="list-style-type: none"> ● Charging ● Discharging ● Default
Time	You can set 6 periods in a day. Overlapping and cross-day periods are not supported.	00:00~23:59

How does EP600 ESS help you slash your electricity bills with these periods?

If you pay a different price for the electricity based on the time of day, EP600 ESS takes advantage of the low-cost solar and grid energy to supply your house during the day, while storing the excess in backup batteries for night use.

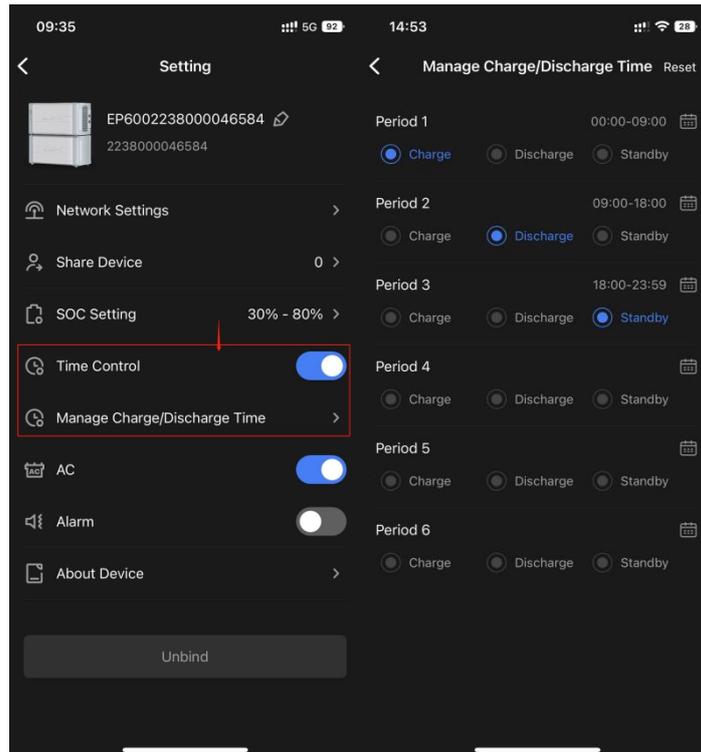
In this case, you can set the charging and discharging schedule like below:

Period 1: 00:00~09:00=>Charging

Period 2: 09:00~18:00=>Discharging

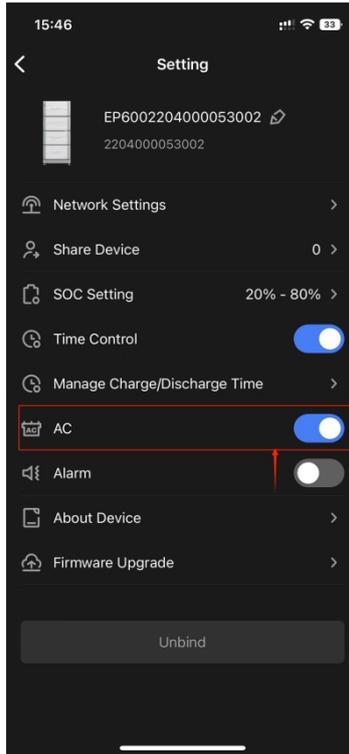
Period 3: 18:00~23:59=>Default

Note: The above is for reference only. Please set the schedule according to your needs.

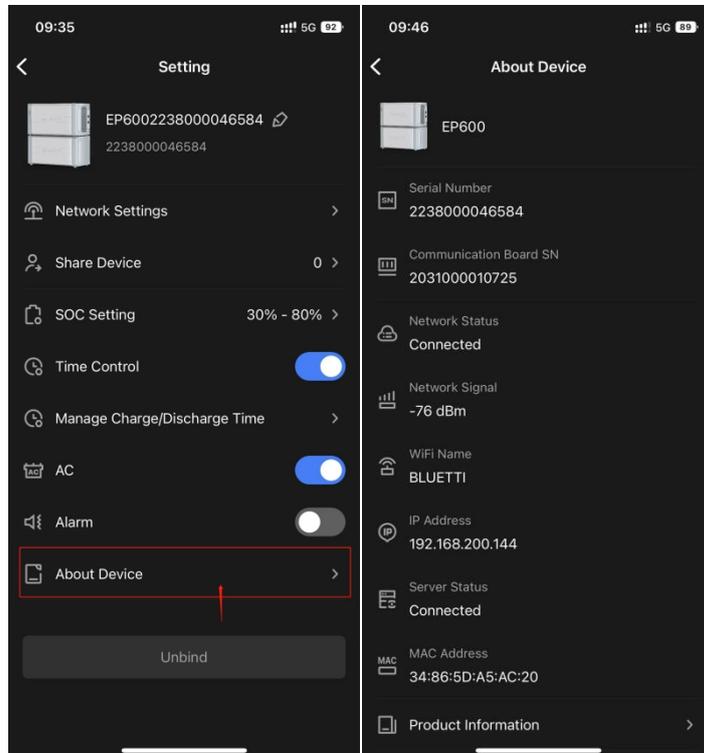


10.3 System Main Switch

Power on the whole EP600 ESS by turning ON "AC".



10.4 System Information

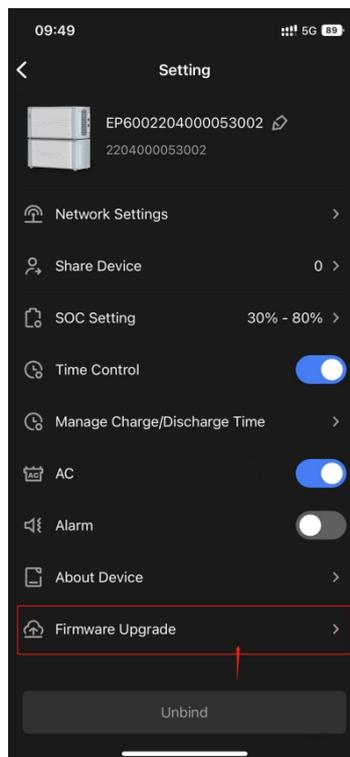


11. OTA Firmware Upgrade

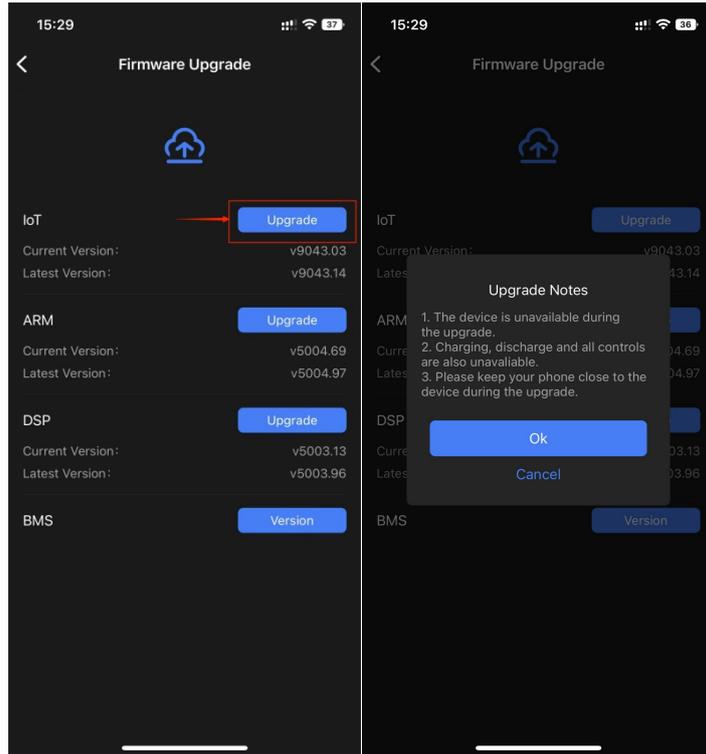
Before operating the EP600, please upgrade the firmware to the latest version to achieve a better user experience.

Upgrade Portal

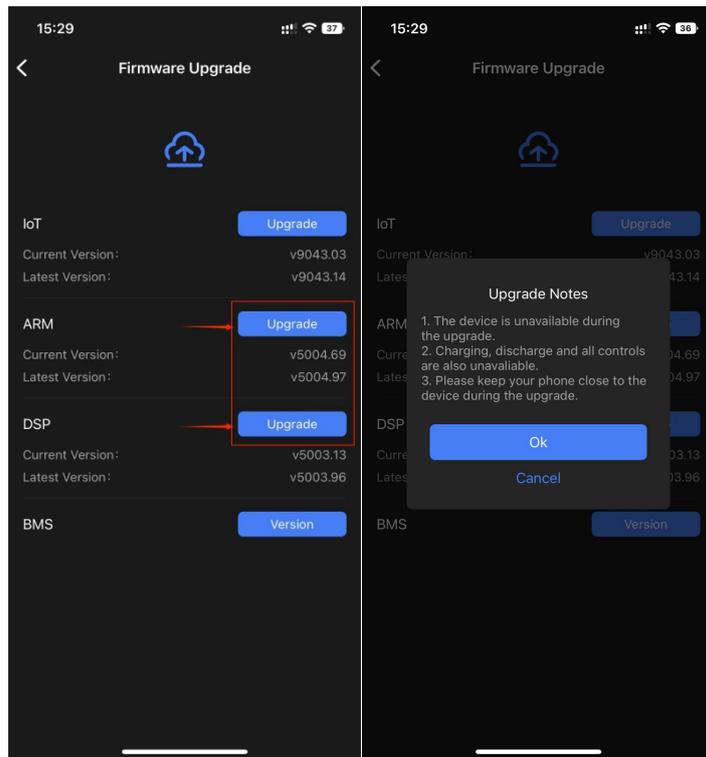
Connect to EP600 ESS via Bluetooth Direct Access, and click "⚙️" to enter the Settings page for firmware upgrade.



IoT Upgrade



Inverter Upgrade (ARM&DSP)



Battery Pack Upgrade

