AMBER ROCK APP operation instructions

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disclaimer

Before using this product, please read this user manual carefully to ensure full understanding and proper operation. After completing this manual, keep it properly for future reference. Improper use may cause serious damage to yourself or others, including product or property loss. By using this product, you acknowledge and accept all terms and conditions. The manufacturer shall not be liable for any losses arising from non-compliance with this manual. According to applicable laws and regulations, the manufacturer reserves the exclusive right to interpret this document and all related materials. Any modifications (including updates, revisions, or terminations) to this document will be implemented without prior notice.

1. Application download

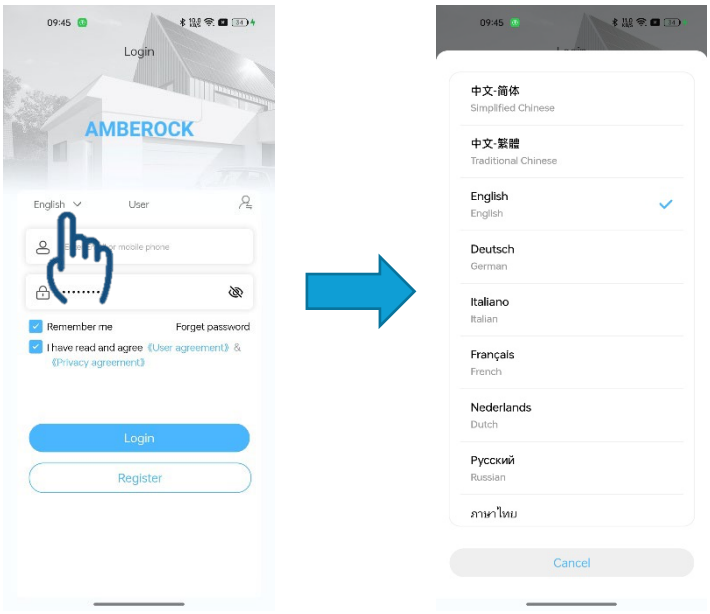
You can search for AMBERROCK in the mobile app store or scan the QR code to download the APP, as shown in the figure:



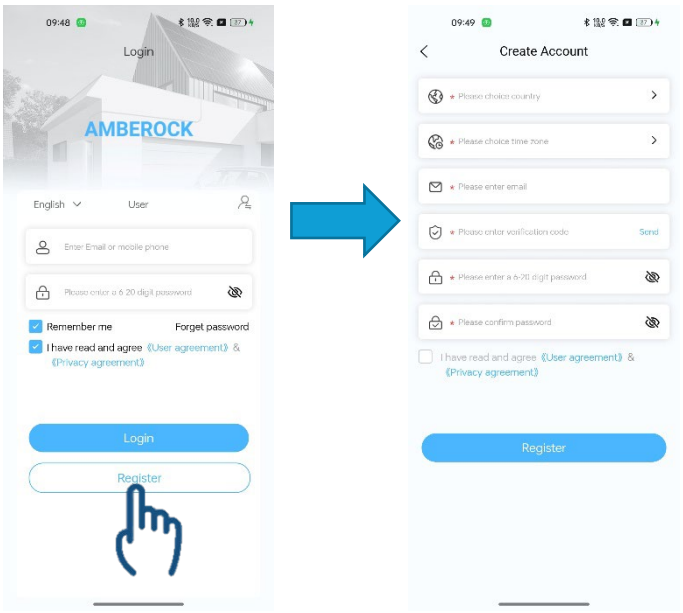
2. Registration

2.1 When using the Smart APP for the first time, you need to log in to the Smart APP after registering your account. If you already have an account or register through the app, you can directly enter your account and password to log in.

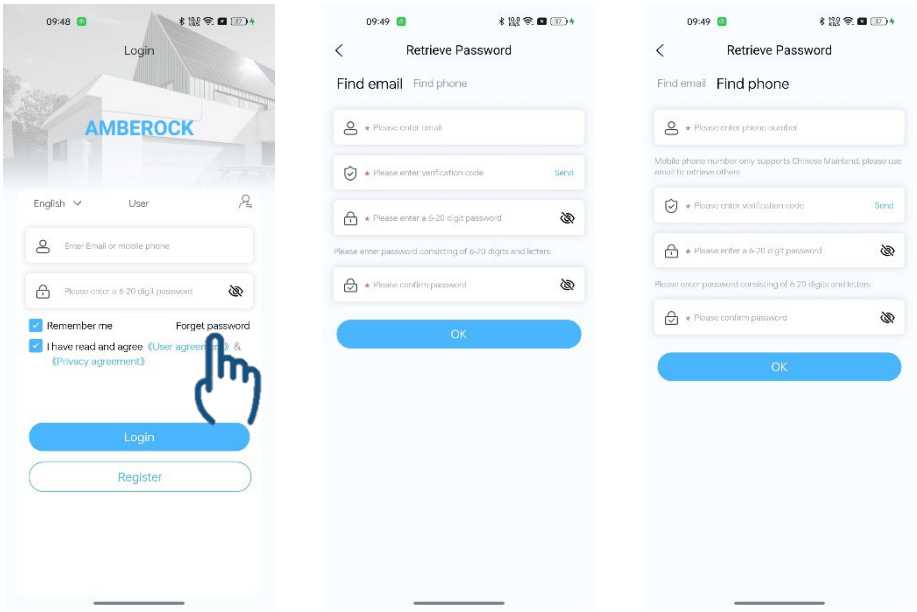
Multilingual switching: In order to meet the needs of international users, the intelligent APP supports five languages, namely Simplified Chinese, Traditional Chinese, English, etc. You can click the function selection in the upper right corner to switch languages, so as to meet the operation and use of users in different regions, as shown in the figure.



① Registration: Click the [Register] button to jump to the registration prompt. Fill in the red * required items according to the correct format to complete the account registration.



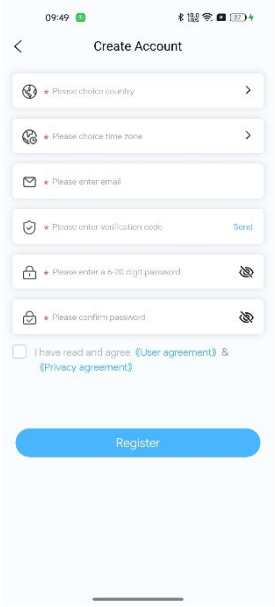
② Find the password: Click the [Forget the Password] button to jump to the page of finding the password, select "email retrieval" or "mobile phone retrieval", and enter the prompt message



2.2 Registration steps

Step 1: Go to the registration page

Please click the registration button on the login page to enter the registration page.



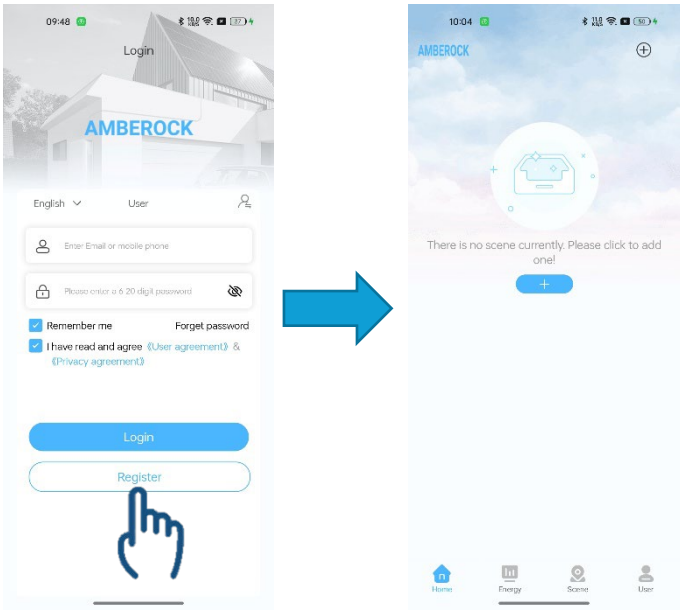
- Step 2: Complete the registration process as prompted

1. Fill in the email address. Please correctly input the email account and verify according to the prompts. The intelligent APP supports email registration;
2. After successful verification, please check the checkbox in the agreement column to indicate that you have agreed to the User Agreement and Privacy Agreement;

- Step 3: After successful registration and login, the process enters the successful registration page and jumps back to the login interface. Enter the new registered account and password correctly to log in.

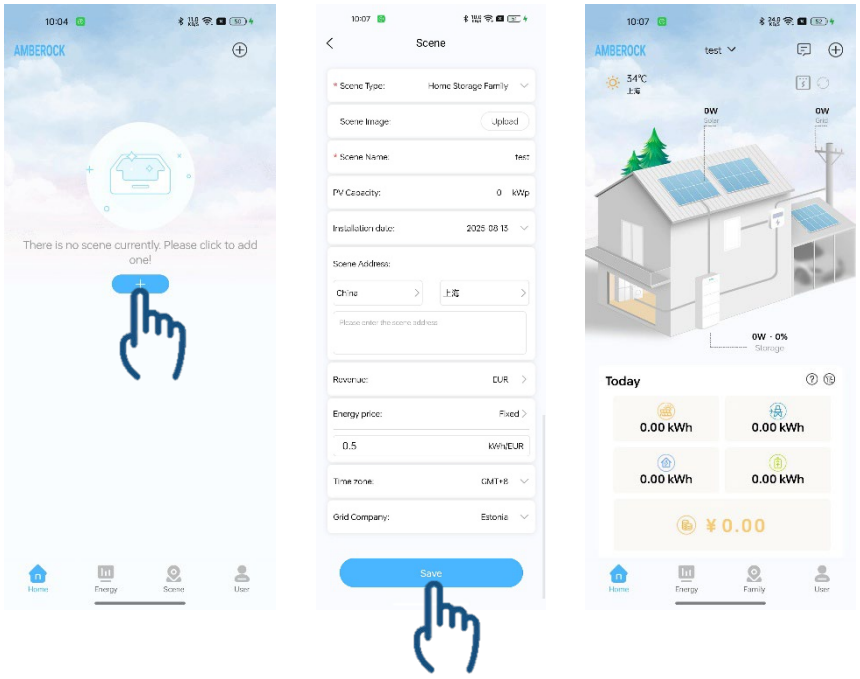
3. Login

After completing the account registration, log in through the subsequent login operation, input the corresponding account and password, and click the [Login] button to enter the APP.



4. Add power stations

1. After entering the APP, click "Power Station" to enter the page of adding power stations.
2. Click the [+] button in the upper right corner to enter the page of filling in the power station information.
3. Fill in the power station information according to the prompt, and click "Save" to successfully add the power station.

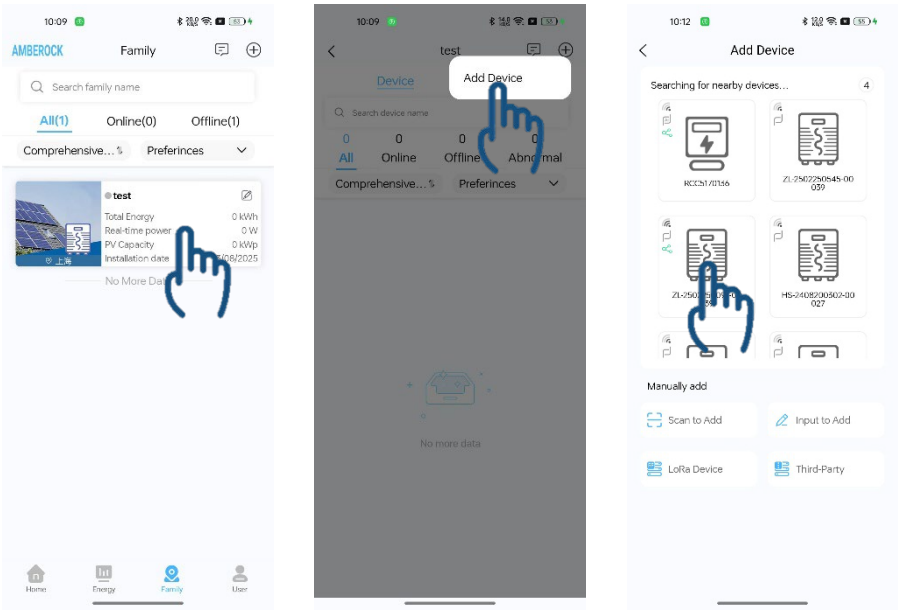


5. Add devices

5.1 Add devices and WiFi network

Connect the power supply to the device to ensure that the device can be used normally.

1. Select the power station to be used;
2. Click the add button in the upper right corner of the "Home page" to enter the device add page;
3. Click the loaded serial number or scan the SN code of the WiFi module or manually enter the serial number.

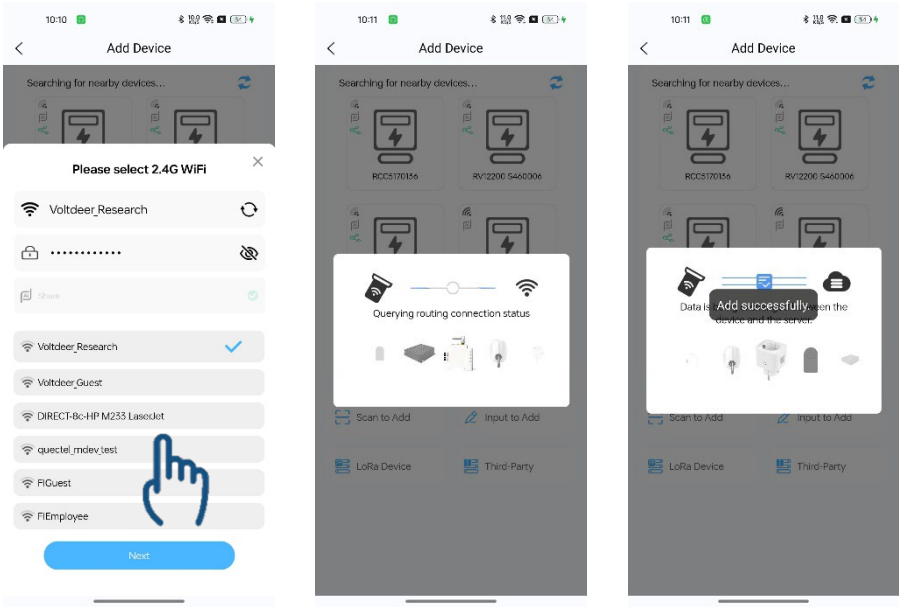


Note: The meter supports:Shelly； Voltdeer:P1:-SMeter-RS02;SMeter-RC01

5.2 Network mode configuration

Make sure your phone has enabled location and Bluetooth permissions. Then select or enter the WiFi name and password to connect to the network, click "Next" to proceed to the next page. Please wait a few seconds for successful network configuration. If it fails, check if location and Bluetooth permissions are activated. After confirming, follow the prompts again.

Note: Smart meters and devices should be in the same LAN



6. Query the status of the collector

Return to the homepage and click "Power Station" to access the display page. After selecting the power station, click "Equipment" to enter the device view page. Click "Collector" to access the collector status page. Refresh the page by dragging down. If the green "Online" icon in the upper-right corner lights up, it indicates the collector is active. If it shows a gray "Offline" icon, it means the collector is not in use. Click "Equipment" again and wait two minutes. Refresh the page by dragging down to display the power station equipment list.

7. Data browsing

7.1 Understand data browsing

By aggregating operational data from power stations based on account types or associated business categories, the system enables multi-station browsing and individual station data access. Users can filter data variables by date to quickly grasp key metrics. The integrated data charts and ranking system interface facilitate comprehensive monitoring and analysis of power stations.

7.2 Service usage scenario

As an operator or installer, it is necessary to understand the power generation status and equipment status of the power station, analyze and maintain the summary of power station data, so as to reduce labor costs and improve power generation efficiency.

- As investors, we need to monitor the power generation energy conversion process of new power stations. Through browsing, we can quickly view the power generation data of all power stations, so that investors can predict risks and analyze profits of all power stations.

As an operation and maintenance specialist, I can quickly and clearly understand the tasks at hand and work orders to be handled. In the process of handling, I can check the basic information of the power station, analyze the cause of the alarm of the power station, and carry out emergency repair in time to avoid the loss of electricity generation.

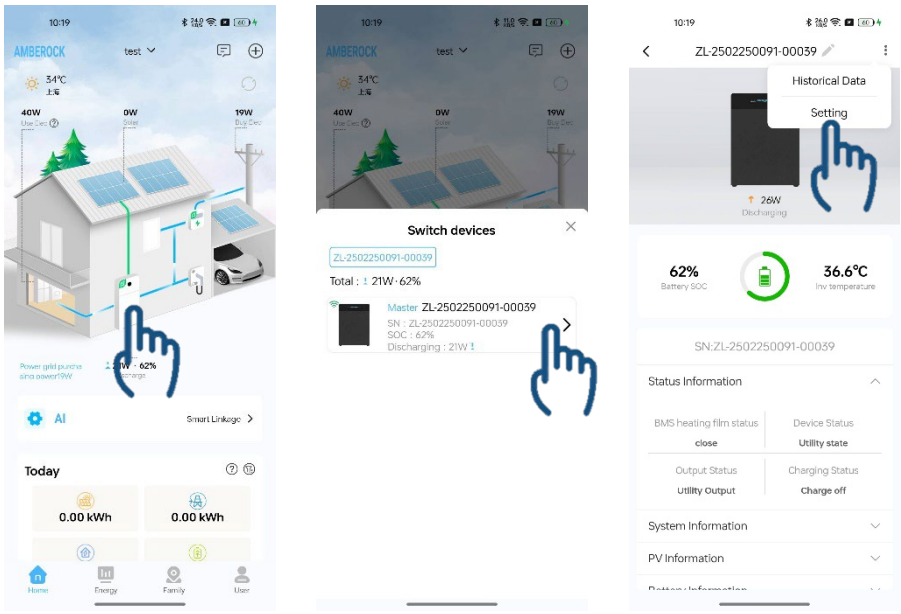
7.3 Function Overview

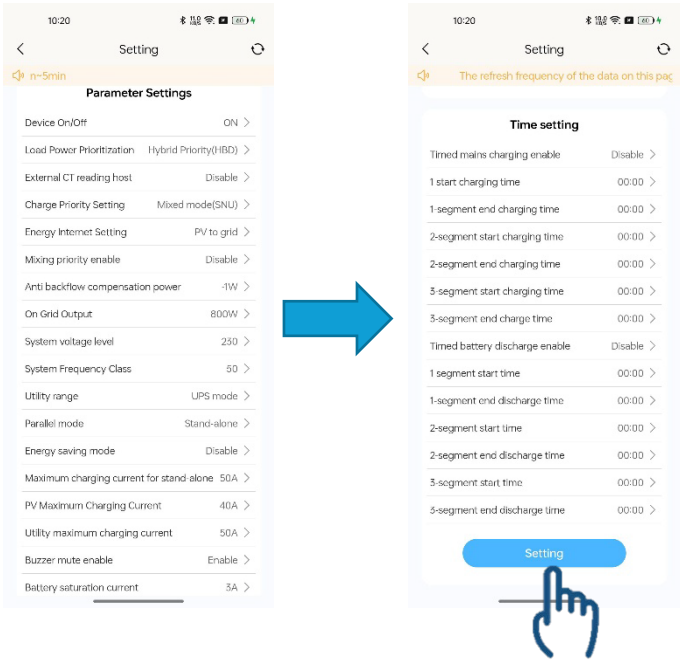
- View today's energy, status, total energy, total income, and installation date. Display the collection and aggregation of power station data information, mainly including "Power Station Status Announcement" and "Power Station Distribution" data. The Power Station Status Announcement categorizes and filters the current status of each power station, while the Power Station Distribution displays their locations based on latitude and longitude coordinates, allowing users to quickly grasp the basic information, status, and operational conditions of each power station.

8. Equipment setup

8.1 Parameter Settings

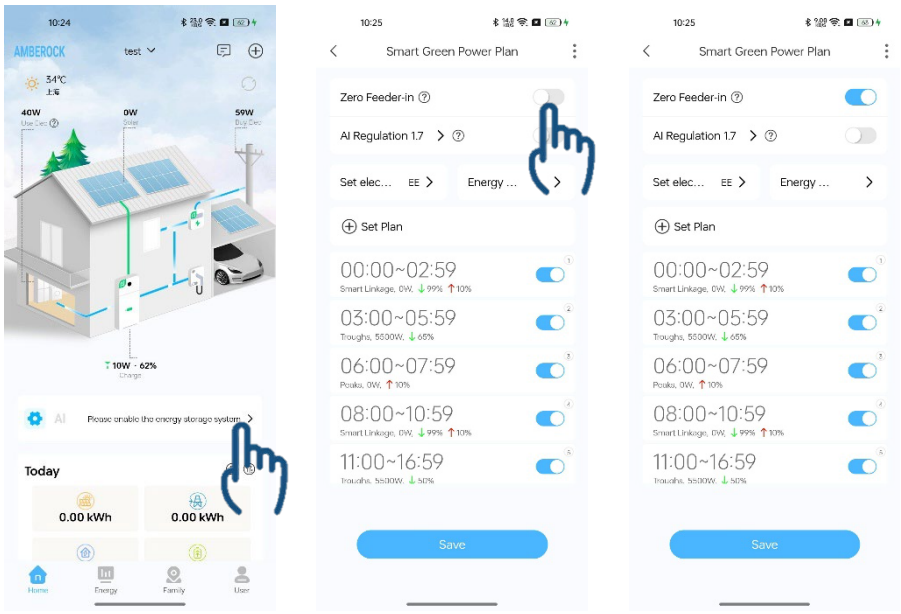
In order to facilitate users to manage devices, device parameters can be set through the APP.
Setting Description: The prerequisite for remote setting is that the user needs to add the device first and the device is online and powered on.





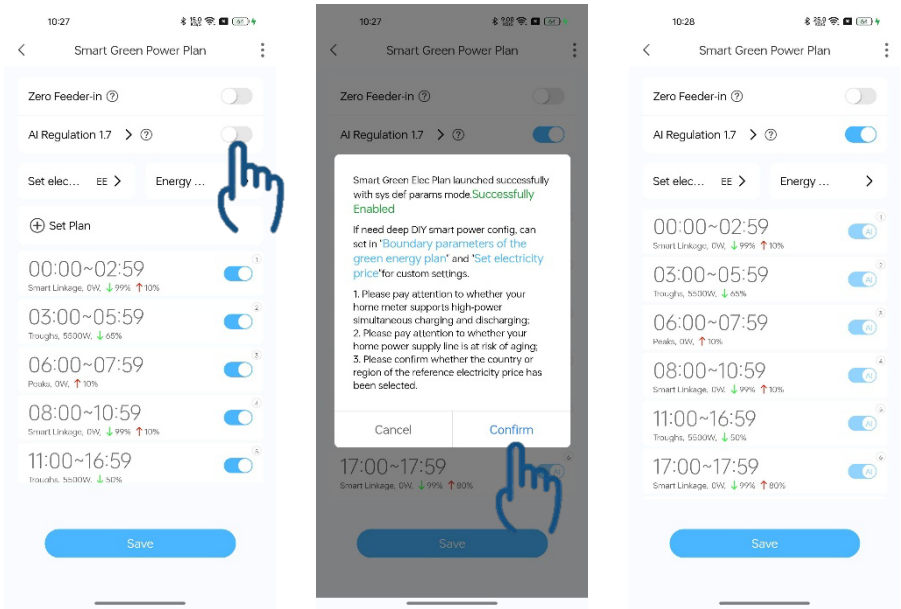
8.2 Zero feed grid setting

Select zero loss network according to the local power grid strategy and its own situation



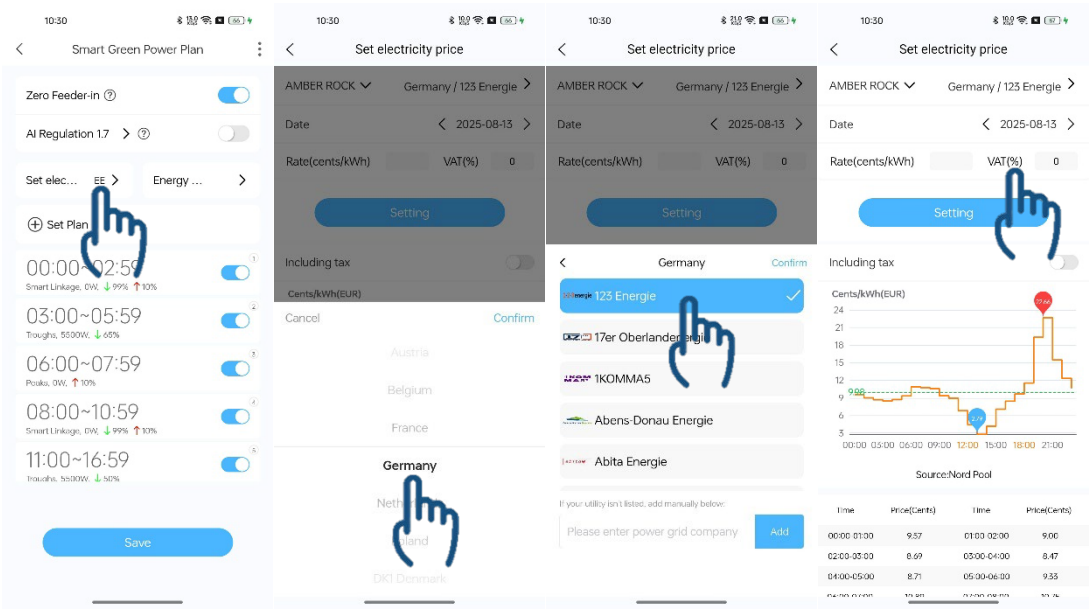
8.3 AI control Settings

After the user sets the AI regulation, it will automatically produce charging and discharging strategies according to the local power grid situation, aiming at low price electricity and high price discharge to maximize the use of photovoltaic



8.4 Electricity price setting

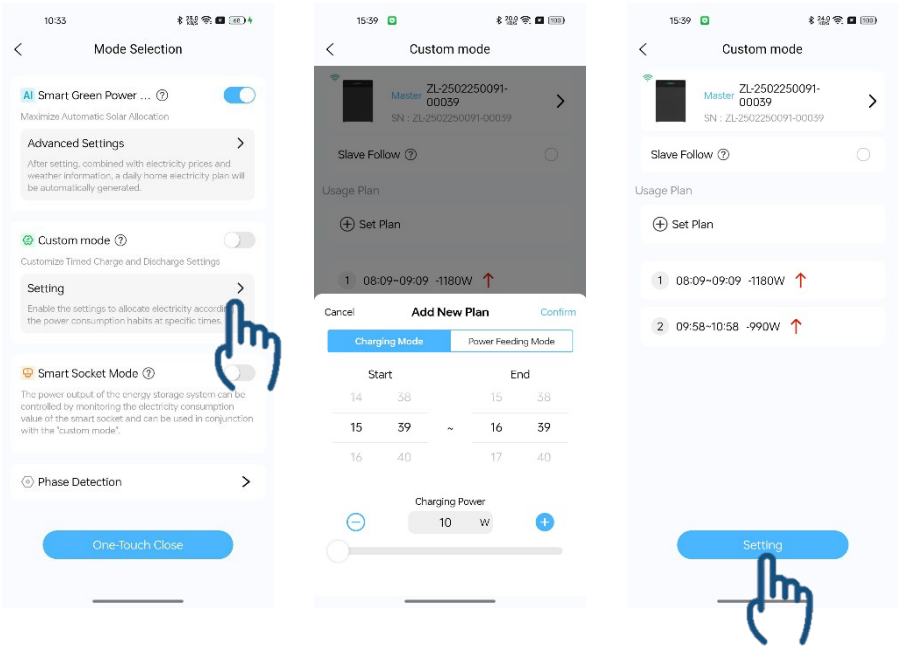
Users can choose a national and local grid company, select a wholesale price, then fill in the rate or VAT value, and the user's revenue will be calculated.



8.5 Custom mode Settings

Users can manually set the charging and feeding plans.

Note: The maximum power supply is 800W by default. If the setting exceeds 800W, it will be executed as 800W. Users can set the maximum grid-connected power to 2400W according to local regulations. See 8.1 Parameter Settings [Grid-connected Output Power].



8.6 Parallel machine function

When adding devices to the home network, by default, the first device will be set as the main unit.



service regulations

This warranty card certifies that the solar products described herein are free from any defects in design, material content and function at the time of manufacture. Beneficiary
You are entitled to this warranty, subject to the following terms and conditions:
1. Any problems caused by normal use after our technical support personnel have inspected the product and identified the problem
All defects will be fully repaired by solar products according to the serial number and years, and spare parts will be replaced free of charge if necessary. If you need any sales
After-sales service, please contact our local distributor.
This warranty shall become void under the following circumstances:
a). If the product is modified, changed and/or maintained by a person other than our authorized technical support personnel.
b). If the product is damaged by misuse, negligence, accident or natural disaster.) If the serial number is changed, defaced and/or deleted.
d). The customer did not follow the recommended installation procedures. This must be shown to our relevant marketing personnel at each service point
Only with the warranty card and purchase receipt can you enjoy the warranty service.