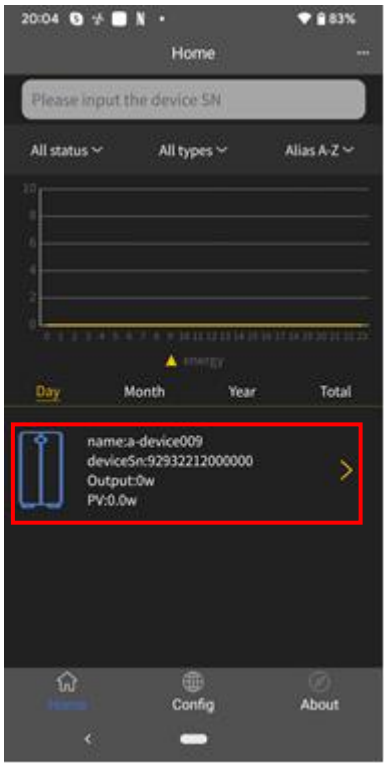
Wi-Fi Firmware Upgrade Operation Guide

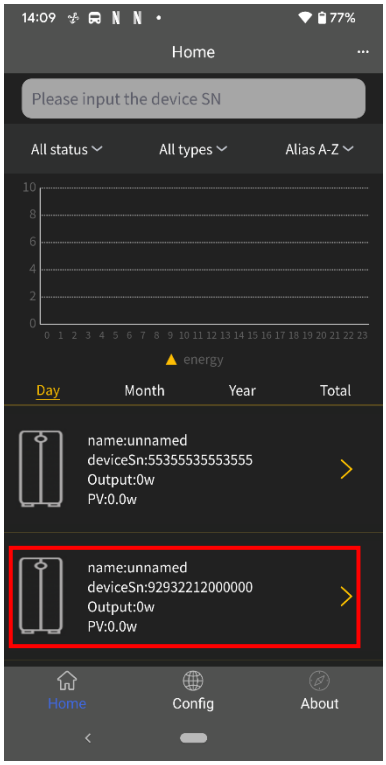
NOTE: Please contact us to open the permission and provide the serial number.

Step1. Make sure the Wi-Fi module is connected to the network. If not, please refer to **Appendix I - The Wi-Fi Operation Guide: 2-1 Download and install APP**, and **2-2 Initial Setup**.

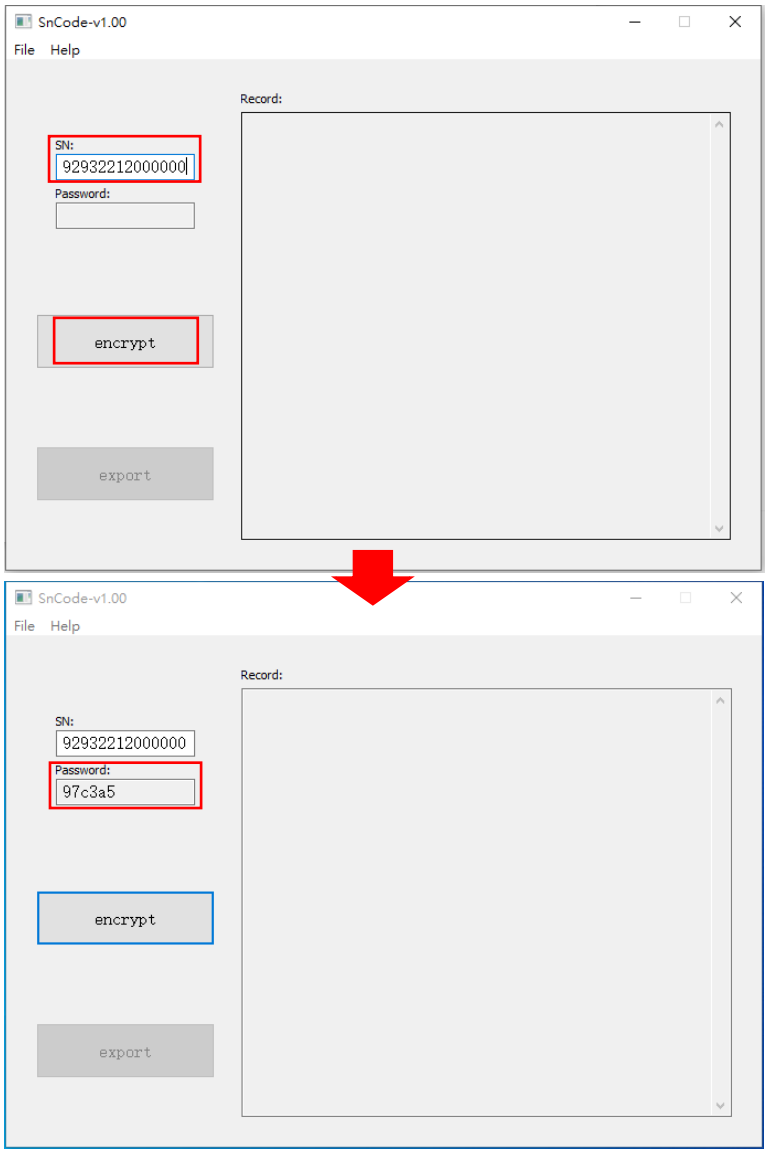
Step2. Add your device serial number in your account. Please refer to **Appendix I - The Wi-Fi Operation Guide: 2-4 Home Page**.

NOTE: Make sure your device is BLUE. If is GRAY, check your router is 2.4GHz and refer to **Appendix I - The Wi-Fi Operation Guide: 2-2 Initial Setup** to operate again.

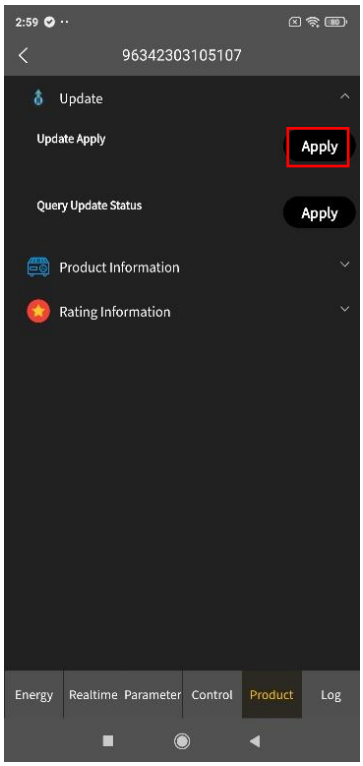




Step3. Enter the device serial number and generate a password.

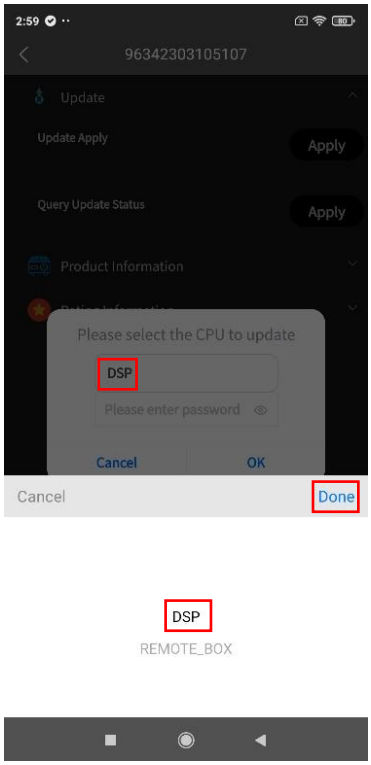


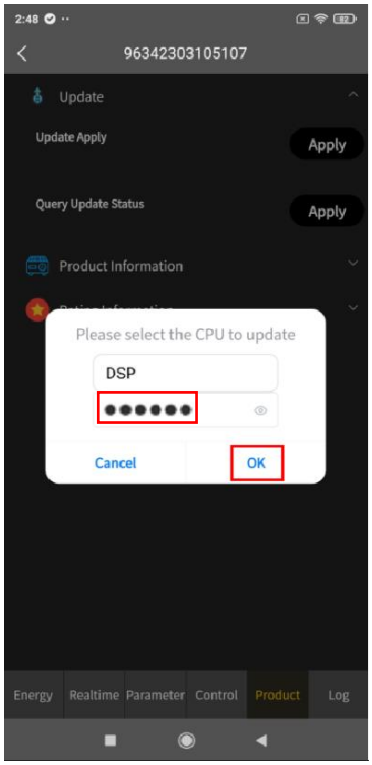
Step4. Choose the device and enter the setting page. Select "Update", "Update Apply", and "Apply".



Select DSP & input password generated in **Step3**: If the DSP is being updated, the LCD screen will display "UPG" until the update is complete.

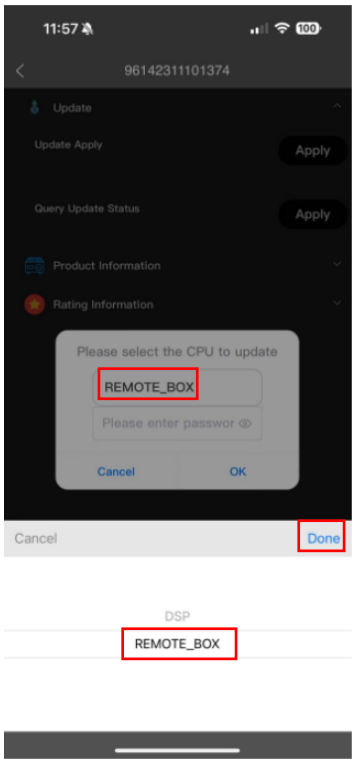
NOTE: It is normal for the device is GRAY on the home page of the APP during the update process.

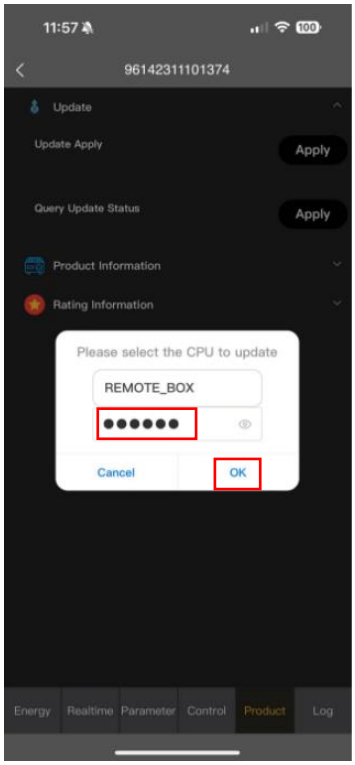




Select REMOTE_BOX & input password generated in **Step3**: If the panel MCU is being updated, the LCD screen will dark screen until the update is complete.

NOTE: It is normal for the device is GRAY on the home page of the APP during the update process.





NOTE: If the update fails, ex. network disconnection or power failure, just restart inverter, no need to click any settings in the APP, the inverter will automatically update until the update is successful.

Appendix I: The Wi-Fi Operation Guide

1. Introduction

Wi-Fi module can enable wireless communication between inverter and monitoring platform. Users can remote monitoring and controlling inverter easily by using the i.Solar APP.

The major functions of this i.Solar APP:

- Delivers device status during normal operation.
- Allows to configure device setting after installation.
- Notifies users when a warning or alarm occurs.
- Allows users to query inverter history data.

2. i.Solar App

2-1. Download and install APP

Please find "i.Solar" app from Apple® store or Google® Play Store. Install this app in your mobile phone.

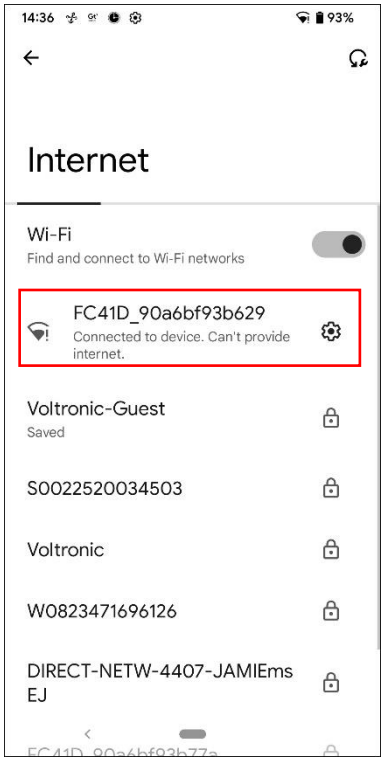
iOS	Android

2-2. Initial Setup

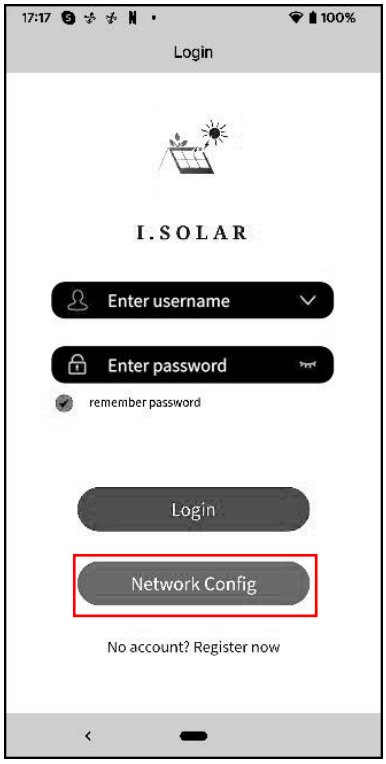
- Turn on the unit.
- Open the Wi-Fi settings from your smart phone.
- Connect your smart phone to the Wi-Fi module. The Wi-Fi named starts with "FC41D_".
- Default password for the Wi-Fi module is: 12345678



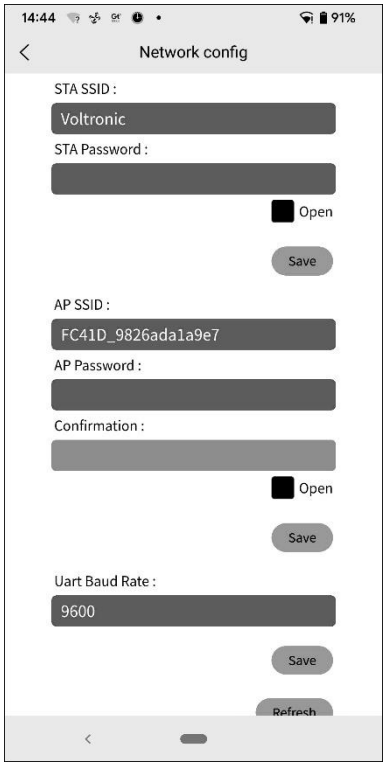




- Once the Wi-Fi connection is successful, click the i.Solar App installed on the phone to enter the login page. Then, click the "Network Config" button to enter the Wi-Fi configuration page.



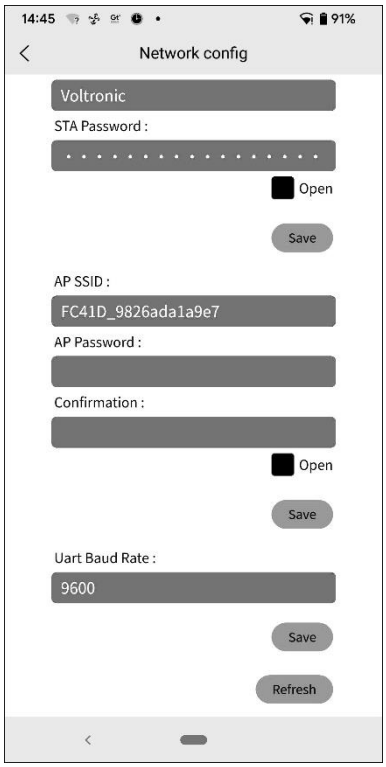
- The configuration page of the "Network Config" shown as following.



- Enter your router name (STA SSID) and router password (STA Password), then click the "Save" button to complete the setting.
  If you check “Open” checkbox, you only need to enter the router name (STA SSID), no need to enter the router password. Then, click the "Save" button to complete the setting.
  The Wi-Fi module only could connect the router at **2.4GHz**.



- Enter the Wi-Fi name (AP SSID) and Wi-Fi password (AP Password) of the Wi-Fi module, confirm the password again and click the "Save" button to complete the setting of the Wi-Fi module.
  If you check “Open” checkbox, you only need to enter the Wi-Fi name (AP SSID), no need to enter the Wi-Fi password and Confirmation. Then, click the "Save" button to complete the setting.

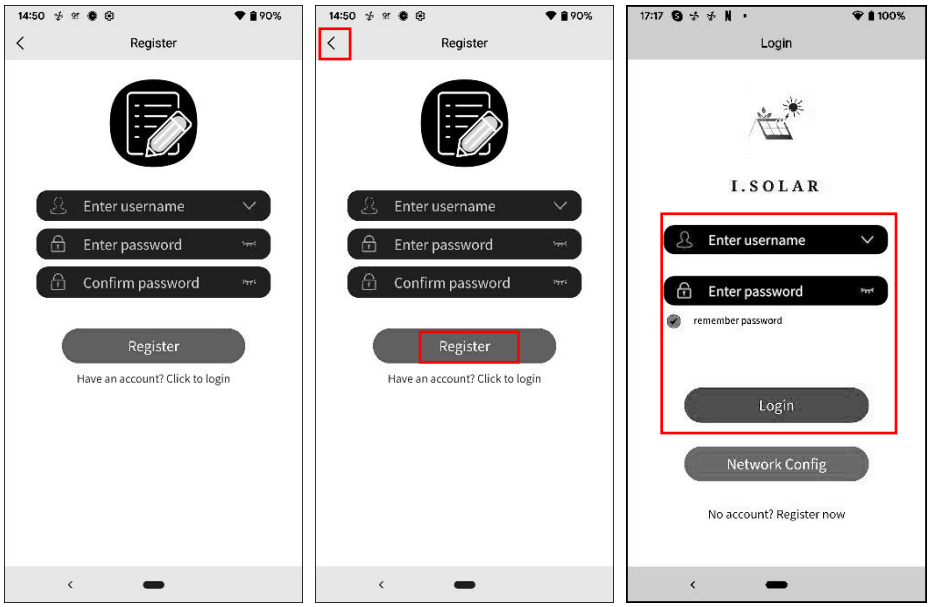


- After configuration, please **forget** the Wi-Fi module on the smartphone to avoid automatic connection and unable to access the Interne

2-3. Login

- Connect your smart phone to the router.
- Registration at first time.

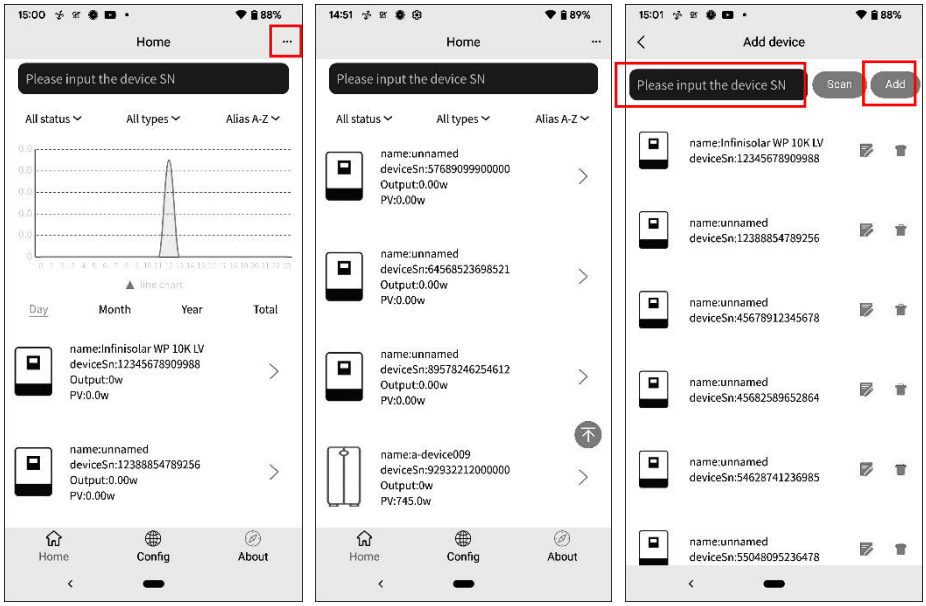
  After fill in user name and password, click the "Register" button to complete the user registration. Once registration is complete, click "Click to log in" or return to the previous page (click the left arrow to return to the login page). Then, enter the registered user name and password to log in.



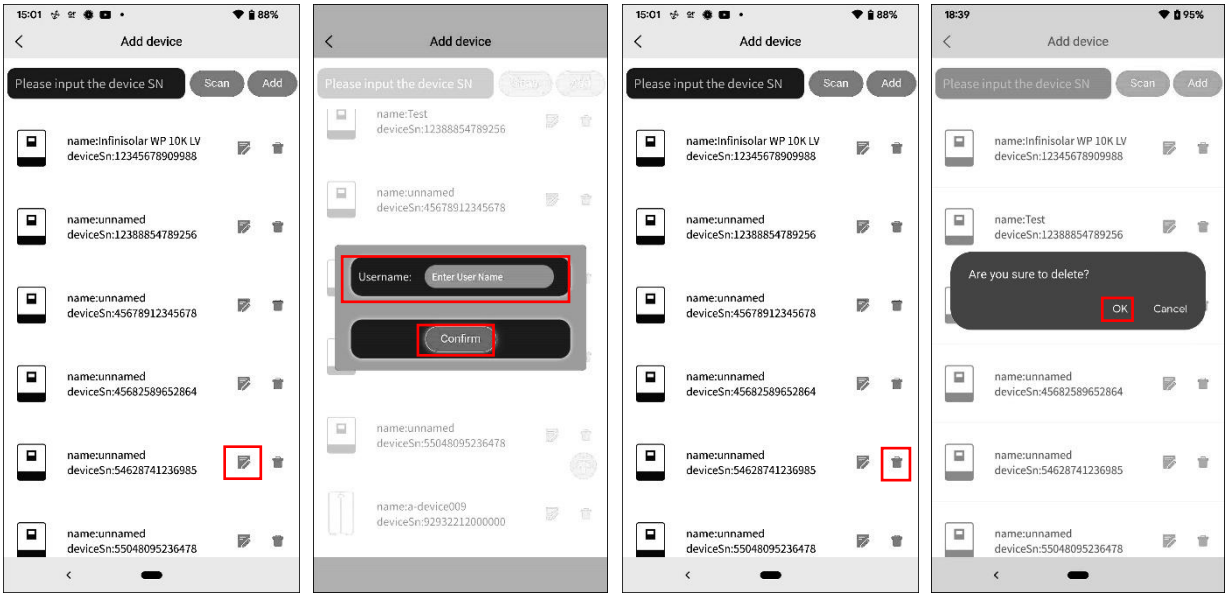
2-4. Home Page

- After login, the default Home page will appear.
- Tap the icon (located on the right top) to enter the page to add, delete or rename the device.

  Input the device serial number to add the device.



Rename or delete the device



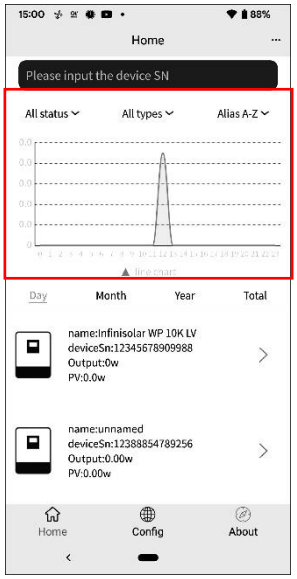
Above is the chart data area:

Day: Click the button to query the hourly power generation data of the current day.

Month: Click the button to query the daily power generation data of the current month.

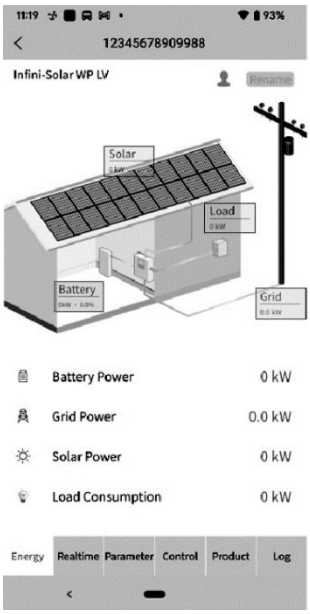
Year: Click the button to query the monthly power generation data of the current year.

Total: Click the button to query the annual power generation data.

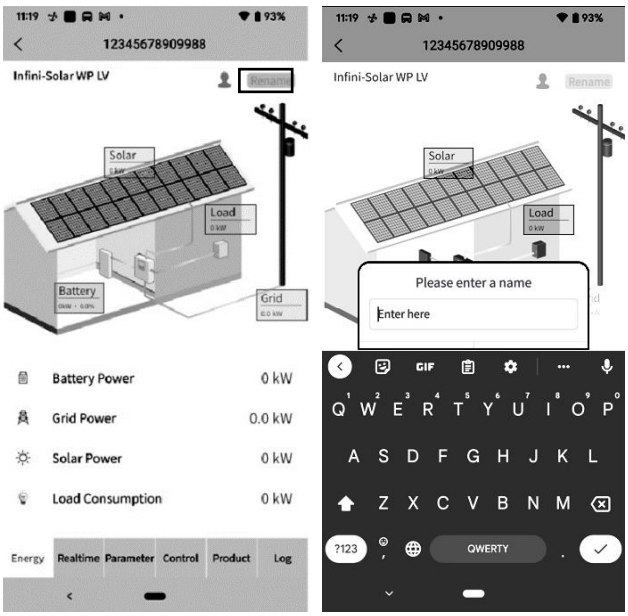


2-5. Real-time data

- Energy: displays battery power, grid power, solar power, and load consumption.



Rename the device.



- Real-time: displays solar, grid, load, and battery information.

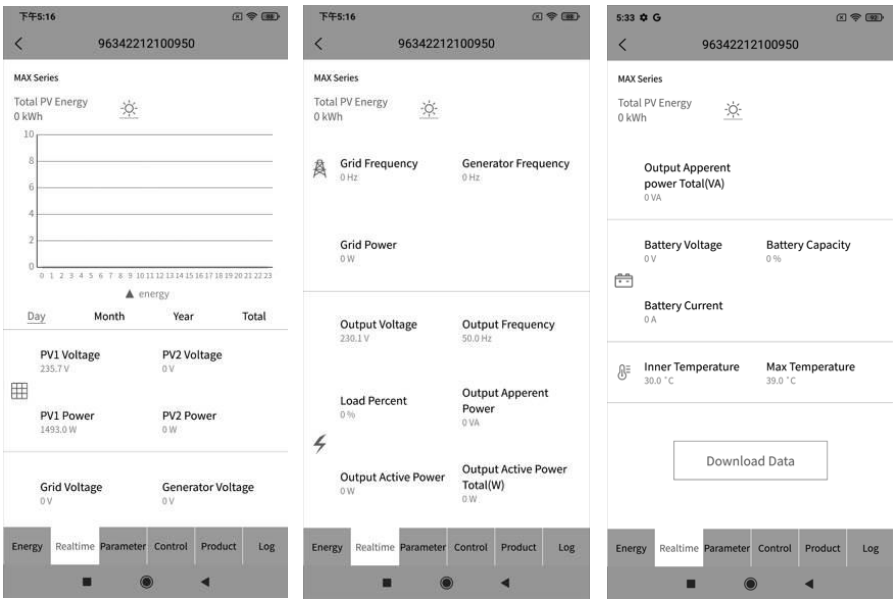
Above is the chart data area:

Day: Click the button to query the hourly power generation data of the current day.

Month: Click the button to query the daily power generation data of the current month.

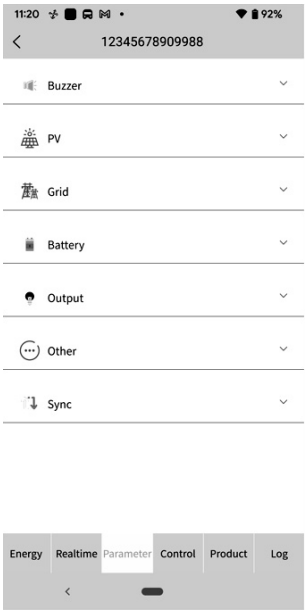
Year: Click the button to query the monthly power generation data of the current year.

Total: Click the button to query the annual power generation data.

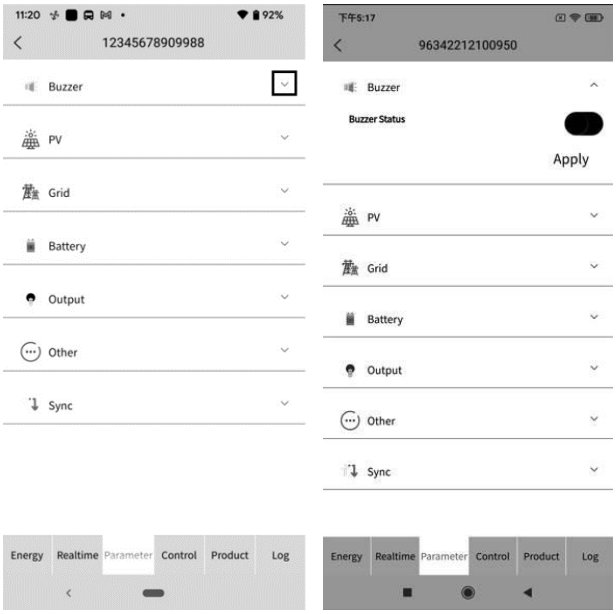


2-6. Parameter

Displays the setting items. Different models, the setting items on the parameter page will be different.

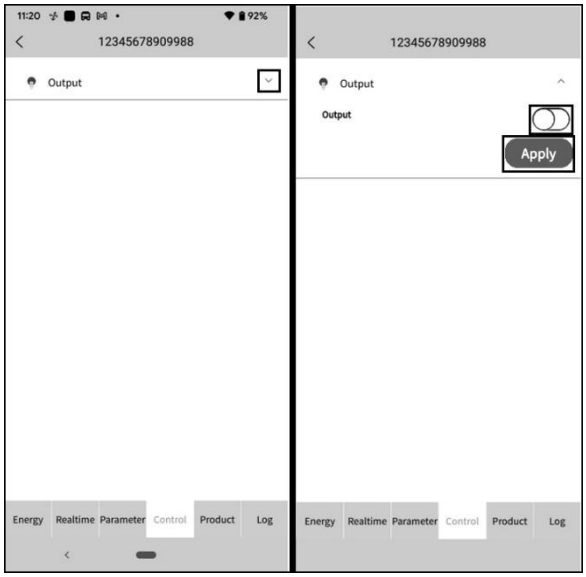


Tap the icon, select the setting and click the "Apply" button to change the setting.



2-7. Control:

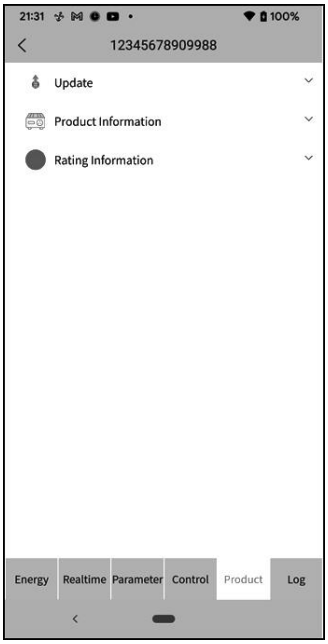
Remote control power on/off (The control item not support all models)





2-8. Product

Firmware upgrade, displays product information and rating information.

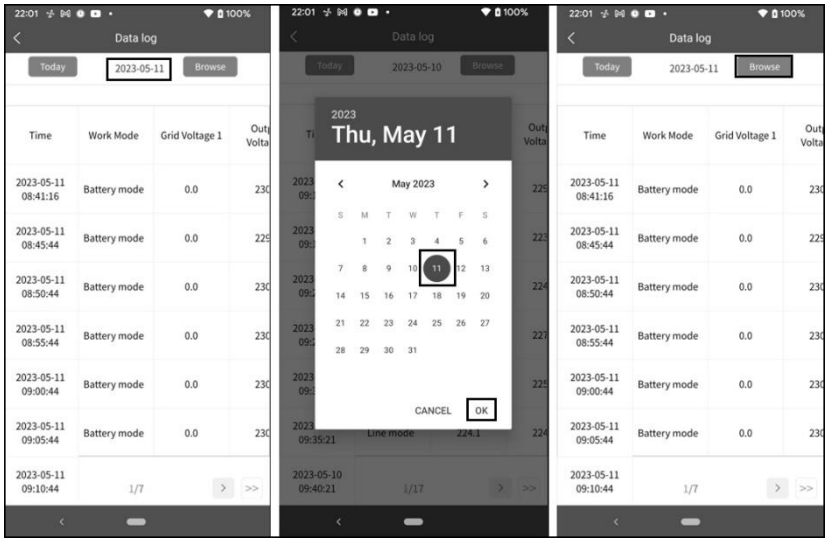


2-9. Log

Change password, remove account and change language

- Log: displays data log, solar power generation log, load consumption log and event.

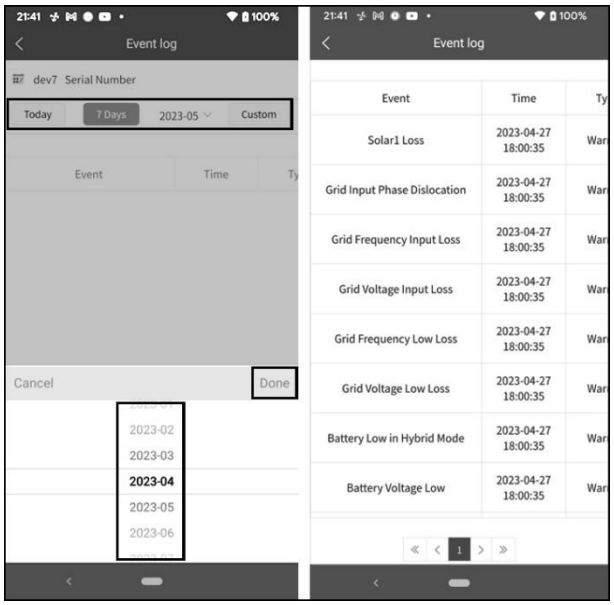
  Data log: Tap the time, select the date and click the "Browse" button to update log.



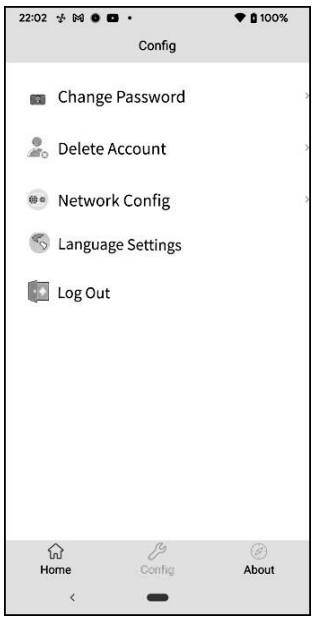
Power Generation Log: Tap the time, select the day, month or year, and click the "Done" button to update log.

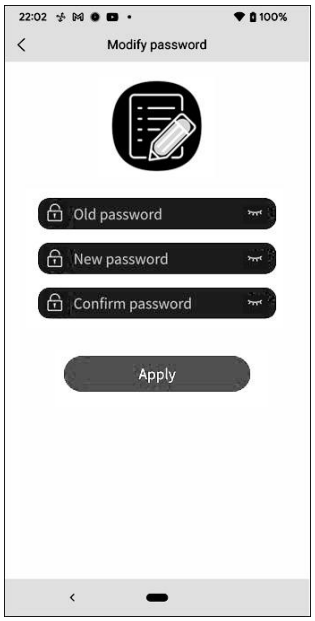


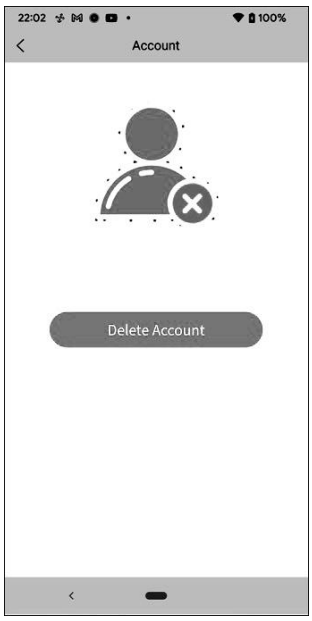
Event log: Tap the time, select the month and click the "Browse" button to update log.



2-10. **Configuration:** change password, remove account and change language







2-11. About

