

## **APP Booklet**

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## **1. About This Manual**

### **1.1 Prerequisites**

The users of this manual are mainly aimed at the operators of SolarTouch, authorized installers, or end users.

### **1.2 Main Content**

The main purpose of this manual is to provide users with guidance for the use of SolarTouch app. The content of the illustration is for reference only, and the actual page is the main focus. We reserve the right to change the content of the manual due to the adoption of new functions and improvements.

### **1.3 App Version Support**

This manual takes V6.4.7 as an example

## **2. Download APP**

### **2.1 Android System**

You can download the APP in the following way:

( 1 ) Scan the QR code as shown below



### **2.2 IOS System**

You can download it by searching SolarTouch in the Apple App Store

### 3. APP Architecture

SolarTouch contains “Cloud Login” and “Local Connection”:

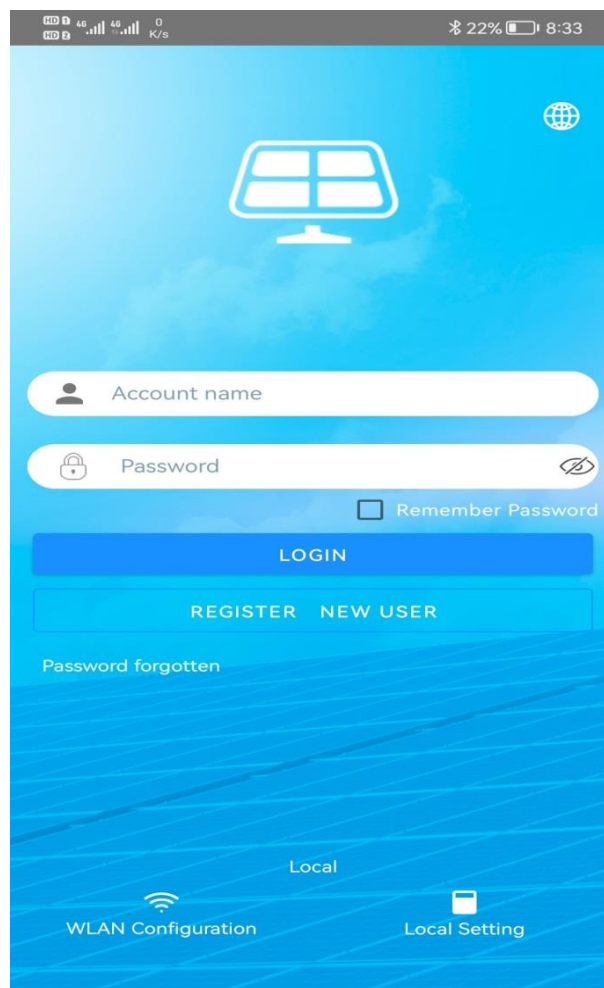
- Cloud login: APP read data from cloud server through API and display inverter parameter
- Local connection: APP read data from inverter through BlueTooth connection with Modbus protocol to display and configure inverter parameter.

## 4. Cloud

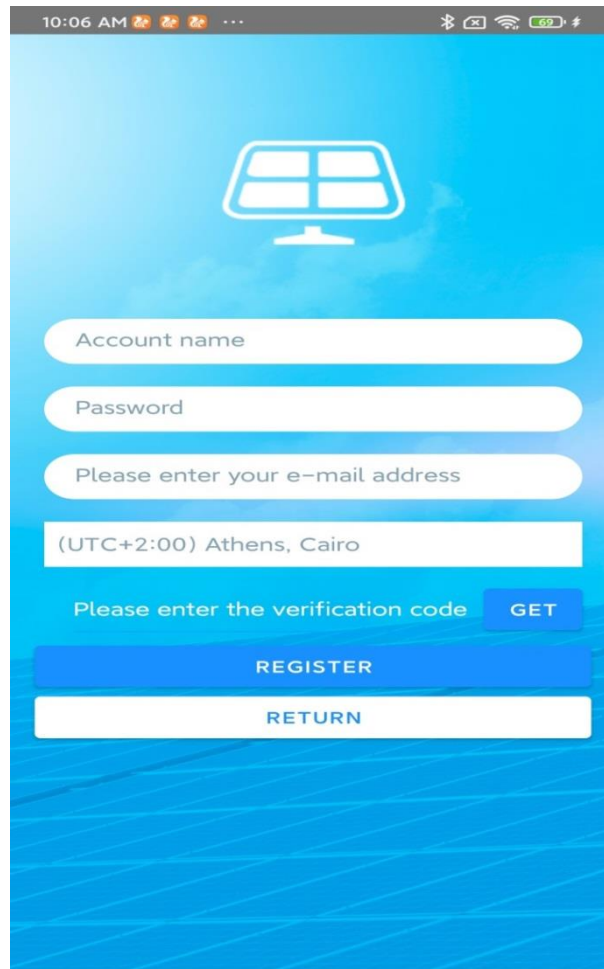
### 4.1 Account Registration to Cloud

#### 4.1.1 Cloud Login Page

Open the APP to visit cloud login page.



### 4.1.2 Creating New User Account



The screenshot shows a mobile application interface for creating a new user account. At the top, there is a status bar with the time 10:06 AM, signal strength, Wi-Fi, and battery level (69%). Below the status bar is a blue header with a white icon of a computer monitor. The main form area has a light blue background with a subtle pattern. It contains several input fields: 'Account name', 'Password', 'Please enter your e-mail address', and a time zone selector currently set to '(UTC+2:00) Athens, Cairo'. Below these is a label 'Please enter the verification code' followed by a blue 'GET' button. At the bottom of the form are two large buttons: a blue 'REGISTER' button and a white 'RETURN' button with a blue border.

**Step 1** Click on **Register New User** on the home page of Cloud.

**Step 2** Enter a name for your cloud account.

**Step 3** Enter a password for your cloud account. It is recommended to keep a record of the password for future reference.

**Step 4** Enter an email address for future communication from Cloud. (If you don't receive the confirmation mail (sent from our server) after 10 minutes, you may need checking in the junk box.) .

**Step 5** Choose the time zone you need. The default is (UTC+8:00) Beijing, Taipei, Kuala Lumpur.

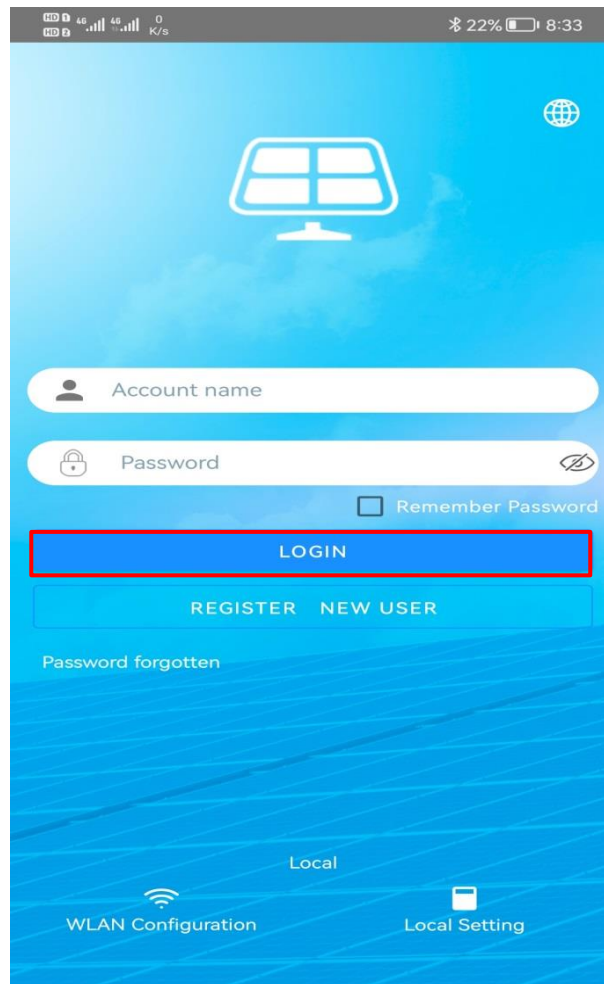
**Step 6** Press **GET** icon to get verification code.

**Step 7** Press **Register** icon to complete registration of the new user account.

**Step 8** Follow the instructions stated in the confirmation email to complete the registration and activate your Cloud user account.

## 4.2 Logging in to Cloud

### 4.2.1 Logging in to System



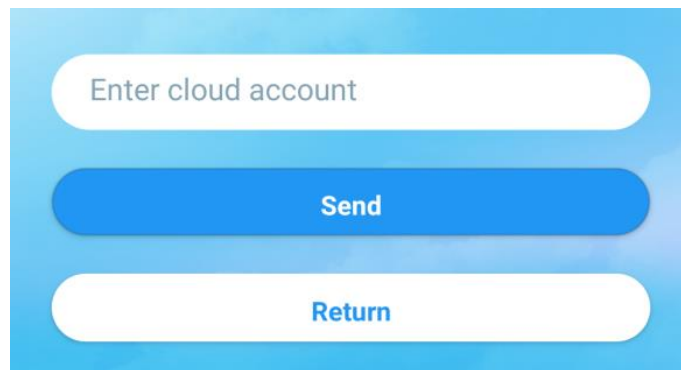
**Step 1** Enter your cloud account name.

**Step 2** Enter your password.

**Step 3** Click on **Login** icon to log in to your Cloud account.



#### 4.2.2 Forgot Your Password?

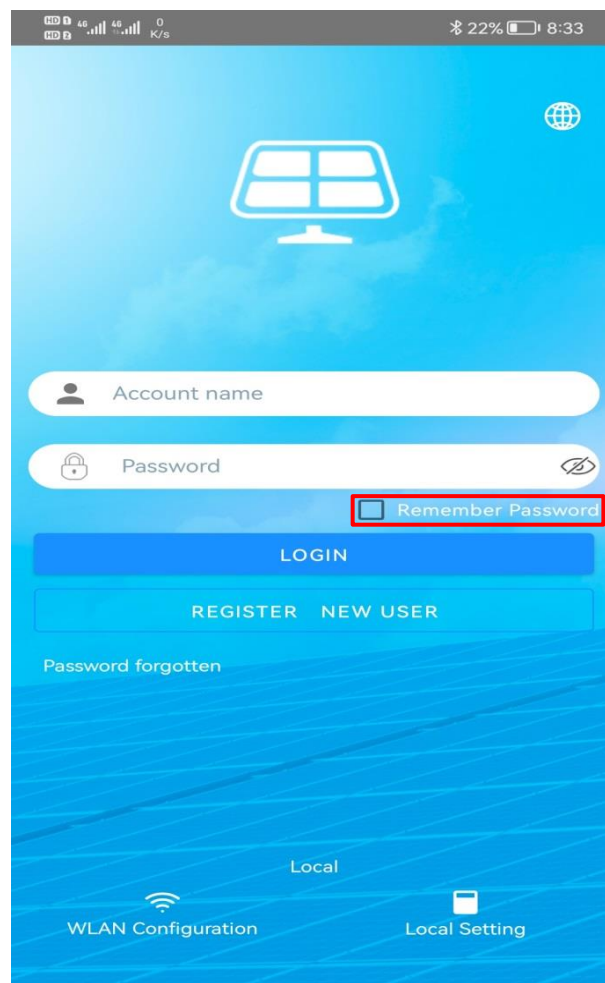
A blue dialog box with a white rounded rectangle at the top containing the text "Enter cloud account". Below it is a blue button with the text "Send". At the bottom is a white rounded rectangle with the text "Return" in blue.

**Step 1** Click on **Password forgotten** icon (see the preceding pic.) to proceed and retrieve your password.

**Step 2** Enter your cloud account name created while registering on Cloud.

**Step 3** Click on **Send** icon (as shown in the preceding pic.). Then an email with your original password will be delivered to you within one minute. Please follow the instructions you received to proceed.

#### 4.2.3 Remember Password

A mobile app login screen with a blue background. At the top, there's a status bar with icons for signal, battery (22%), and time (8:33). Below the status bar is a white rounded rectangle with a person icon and the text "Account name". Below that is another white rounded rectangle with a lock icon, the text "Password", and a small icon of a key. To the right of the password field is a checkbox labeled "Remember Password", which is highlighted with a red rectangle. Below the password field is a blue button with the text "LOGIN". Below the login button is a white button with the text "REGISTER NEW USER". Below the register button is the text "Password forgotten". At the bottom, there are two icons: a Wi-Fi icon labeled "WLAN Configuration" and a document icon labeled "Local Setting".

**Step 1** Enter your cloud account name.

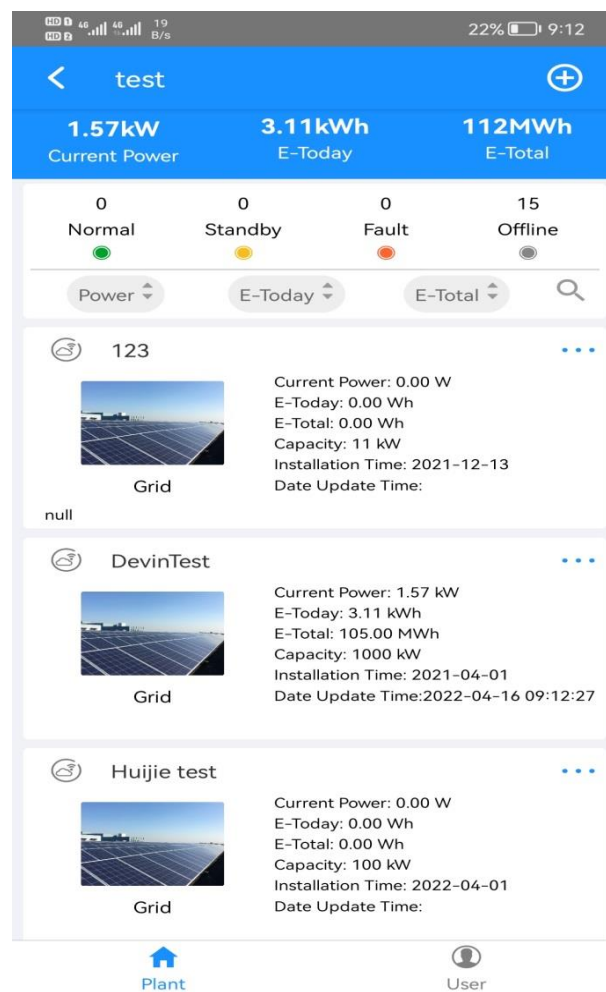
**Step 2** Enter your password.

**Step 3** Check the Remember Password box.

**Step 4** When you return to the login interface next time, there is no need to enter the password

## 4.3 Cloud System





### 4.3.1 Homepage



After login you will see the Home page. This page shows all the plants in the account.


■ Plant List

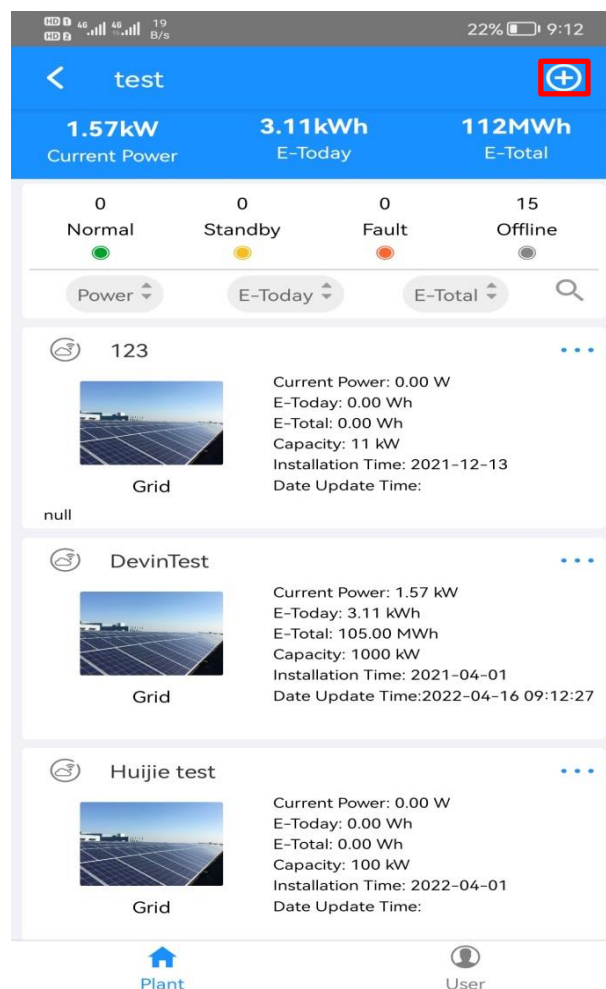
➤ Satus

Colors				
Description	Normal (Inverter generate power normally )	Standby (Inverter do not generate power)	Fault (inverter failure)	Communication Offline

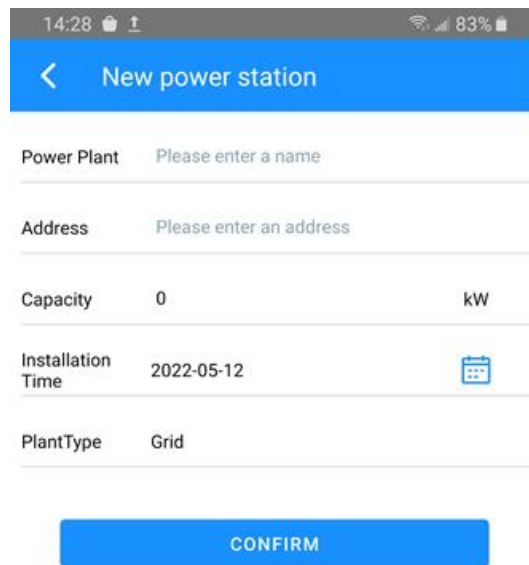
➤ Plant name: The name of the plant.

- Plant photo: The photo of the plant.
- Current power: The current output power for all the inverters in this plant.
- E-Today: The sum of PV generating capacity of today for all inverters in this plant.
- E-Total: The total power generated for all the inverters in this plant.
- Installation Time: The earliest device installation time in this plant.
- Capacity: The total capacity for all devices in this plant. You can set the capacity in plant edited page
- Address: The address and the zip code of the plant.
- Add Plant

Press  icon in the upper right corner to jump to the “New power station” page ( as shown below ).



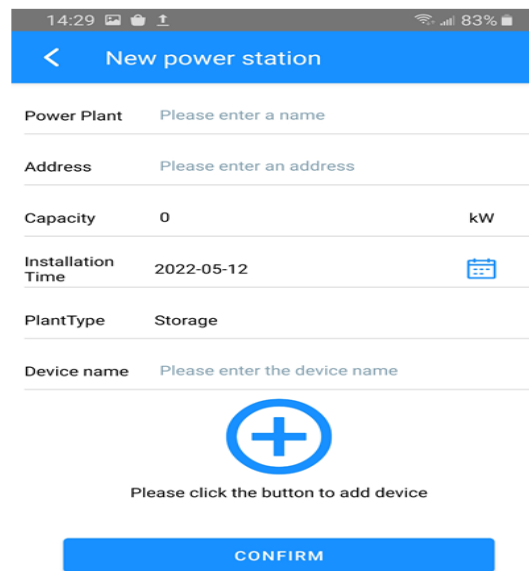
## Grid Type & Residential Type



A screenshot of a mobile application interface for adding a new power station. The title bar is blue with a back arrow and the text 'New power station'. The status bar at the top shows the time 14:28, signal strength, and 83% battery. The form contains the following fields: 'Power Plant' with a placeholder 'Please enter a name', 'Address' with a placeholder 'Please enter an address', 'Capacity' with a value of '0' and a unit of 'kW', 'Installation Time' with a value of '2022-05-12' and a calendar icon, and 'PlantType' with a value of 'Grid'. A blue 'CONFIRM' button is at the bottom.

- Power Plant: Enter a name for this plant.
- Address: Enter the address of your plant.
- Capacity: Enter the capacity of your plant.
- Installation Time: Choose the 1st inverter installation time for this plant.
- PlantType: Mainly depends on the inverter under the power station. Currently it has three values, namely Grid, Residential, Storage

## Storage Type




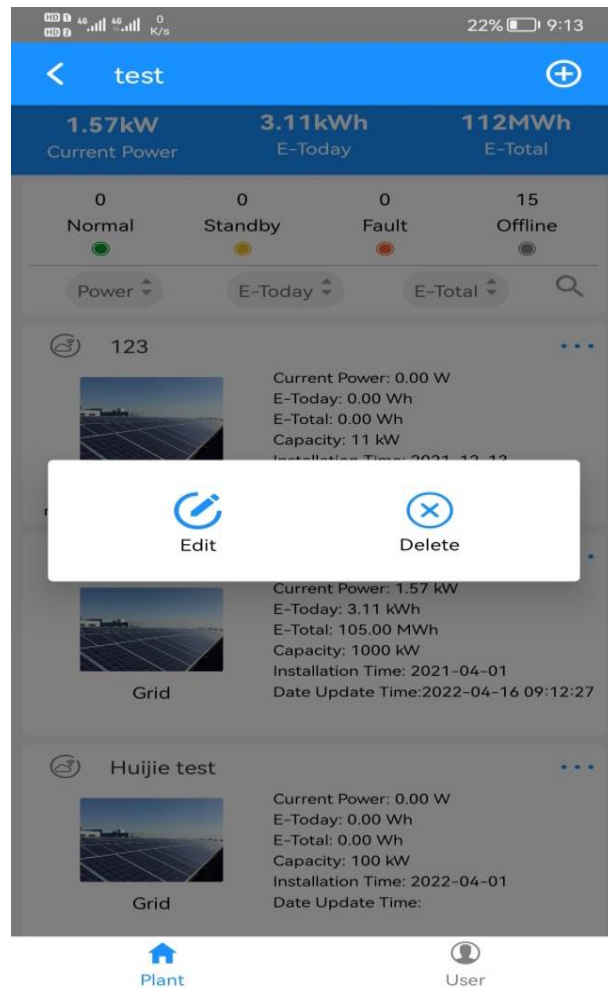
A screenshot of the same mobile application interface, but with 'PlantType' set to 'Storage'. An additional field, 'Device name' with a placeholder 'Please enter the device name', is now visible. Below the form fields is a large blue circular button with a white plus sign. Below this button is the text 'Please click the button to add device'. The blue 'CONFIRM' button remains at the bottom.

- Device name: A device needs to be added when it is created, and currently this power station type only supports a single device

Press **Confirm** to complete adding plant.

## ■ Edit Plant

Press  button to edit or delete plant. You can choose Edit or Delete in the image below.



Press **Edit** icon to edit plant

15:23
100%

<
Plant

Power Plant
Plant

Address
Please enter an address

Capacity
4
kW

Installation Time
2021-04-13

CONFIRM

- Plant name: Edit the name of your plant.
- Address: Edit the address of your plant.
- Capacity: Edit the capacity of your plant.
- E-Total base: Edit the power generation in this field.
- Installation time: Edit the 1st inverter installation time for this plant.

Press **Confirm** to complete editing.

■ Delete Plant

Press **Delete** icon to delete plant. You need to confirm what you do. The current page will be refreshed after the deletion is completed.

## Remove power station

Whether to delete the power station?

CANCEL

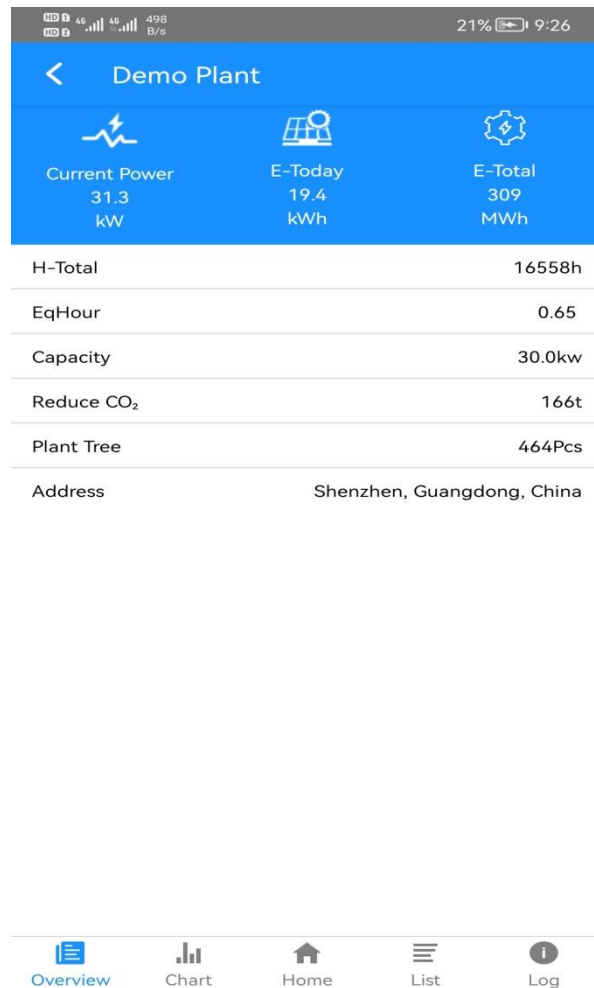
OK

## 4.3.2 Plant Information

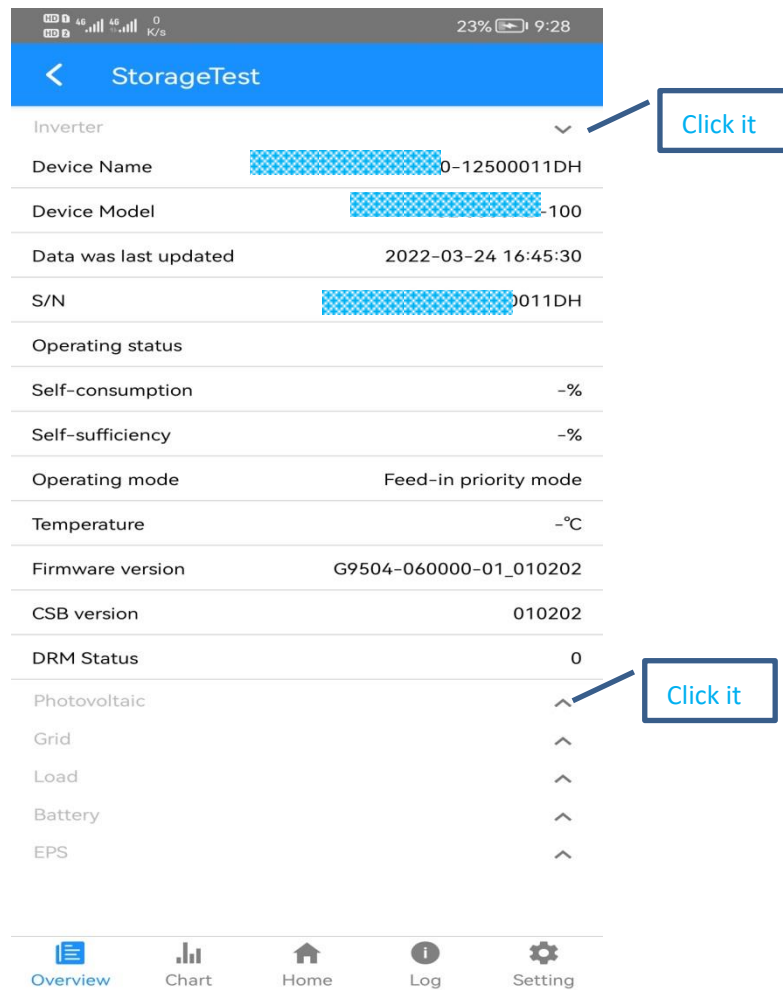
### 4.3.2.1 Overview

Click on any desired plant in the plant list (see below).

Grid Type & Residential Type: This page displays various basic information at the plant level



Storage Type: Shows the basic information of multiple components in the energy storage system, click the arrow icon to control the expansion and contraction.



#### 4.3.2.2 Plant Chart

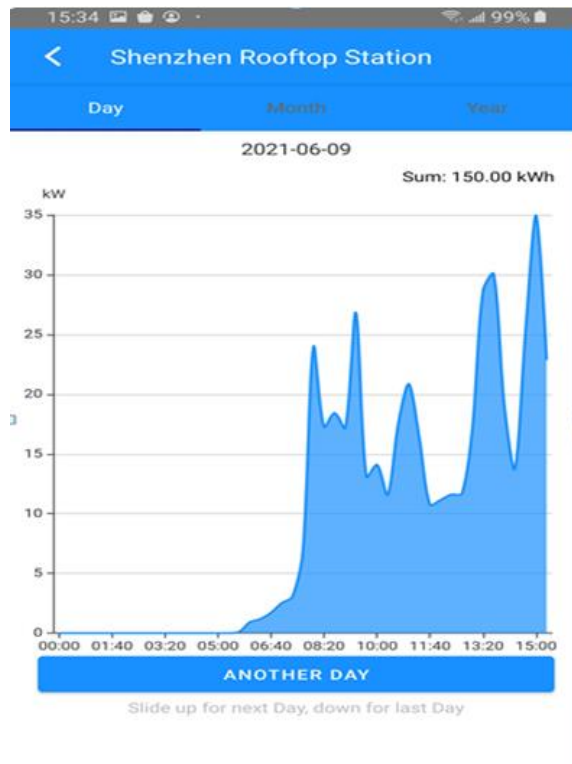
This page shows the data curve of energy generation (including Daily, Monthly and Annual format).

Grid Type:

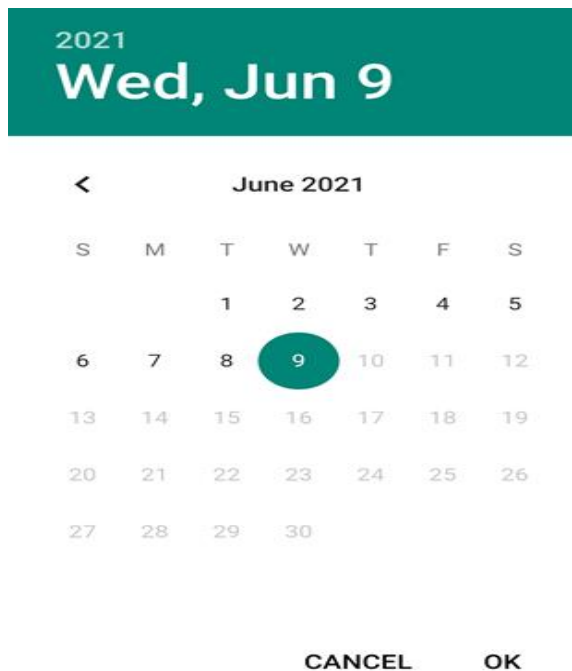
1. Daily Data

It will show the Daily power Generation Curve (as shown in the Figure below). You can slide up for the next day and slide down for last day.



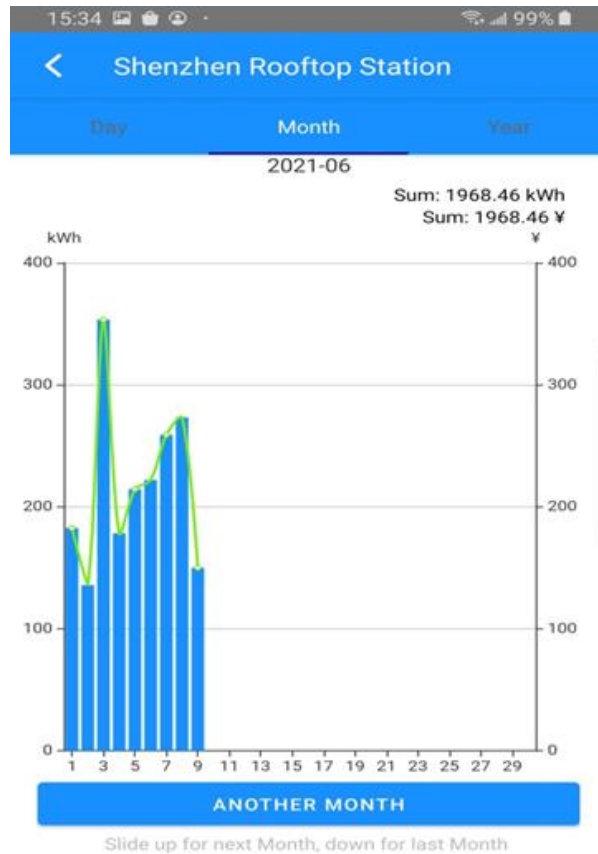


You can also press **Another Day** to choose the day which you want to check. (as shown in the Figure below)



## 2. Monthly Data

Select the **Month** option to jump to the month data page. (as shown in the Figure below). You can slide up for the next month and slide down for last month. There are also two statistics displayed in the upper right corner of the graph.



You can also press **Another Month** to choose the month which you want to view. (as shown in the Figure below)

Firstly, choose the year you need, then choose the month.

Please choose a year

2012

2013

2014

2015

2016

2017

2018

2019

2020

2021

CANCEL

Please choose a month

January

February

March

April

May

June

July

August

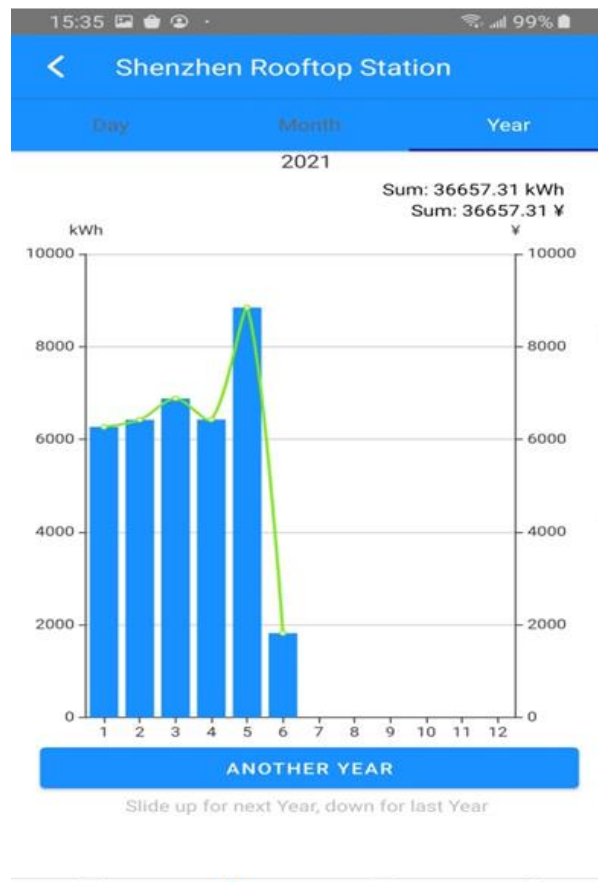
September

October

CANCEL

### 3. Yearly Data

Select the **Year** option to jump to the year data page. (as shown in the Figure below). You can slide up for the next year and slide down for last year. There are also two statistics displayed in the upper right corner of the graph.



You can also press **Another Year** to choose the year which you want to view. (as shown in the Figure below)

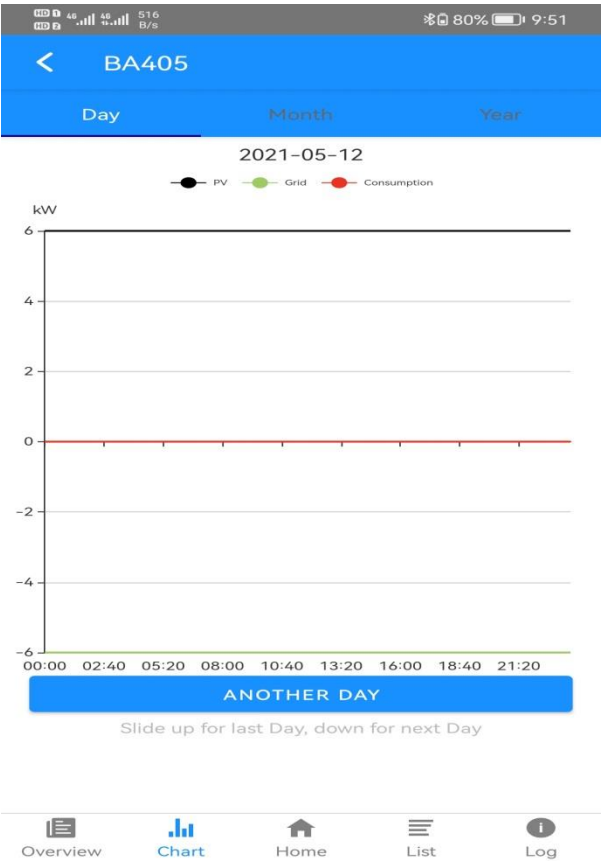
#### Please choose a year

2012  
2013  
2014  
2015  
2016  
2017  
2018  
2019  
2020  
2021

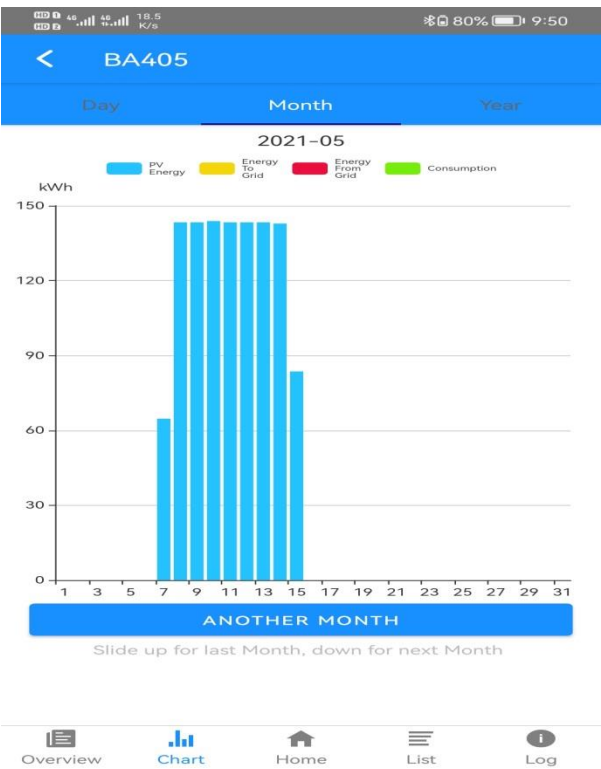
CANCEL

Residential Type: The operation is consistent with the Grid Type.

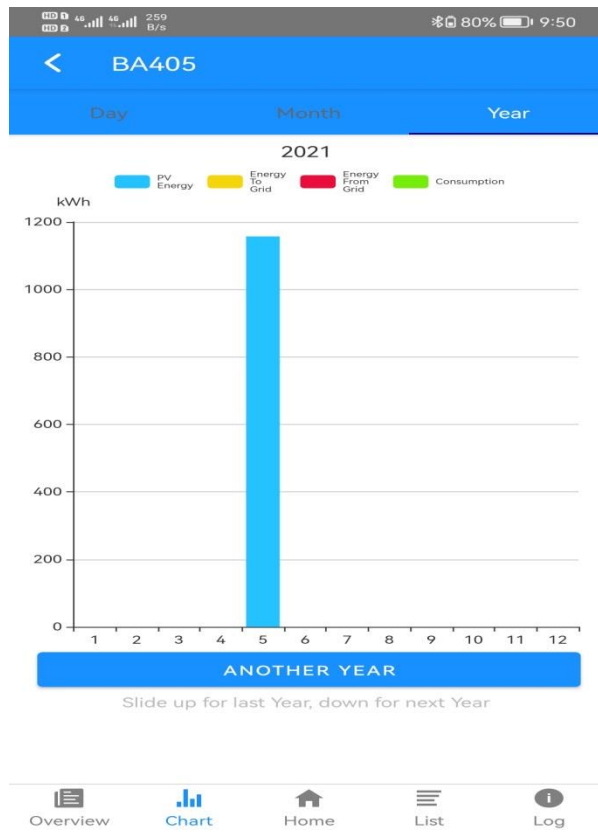
4. Daily Chart



5. Monthly Chart



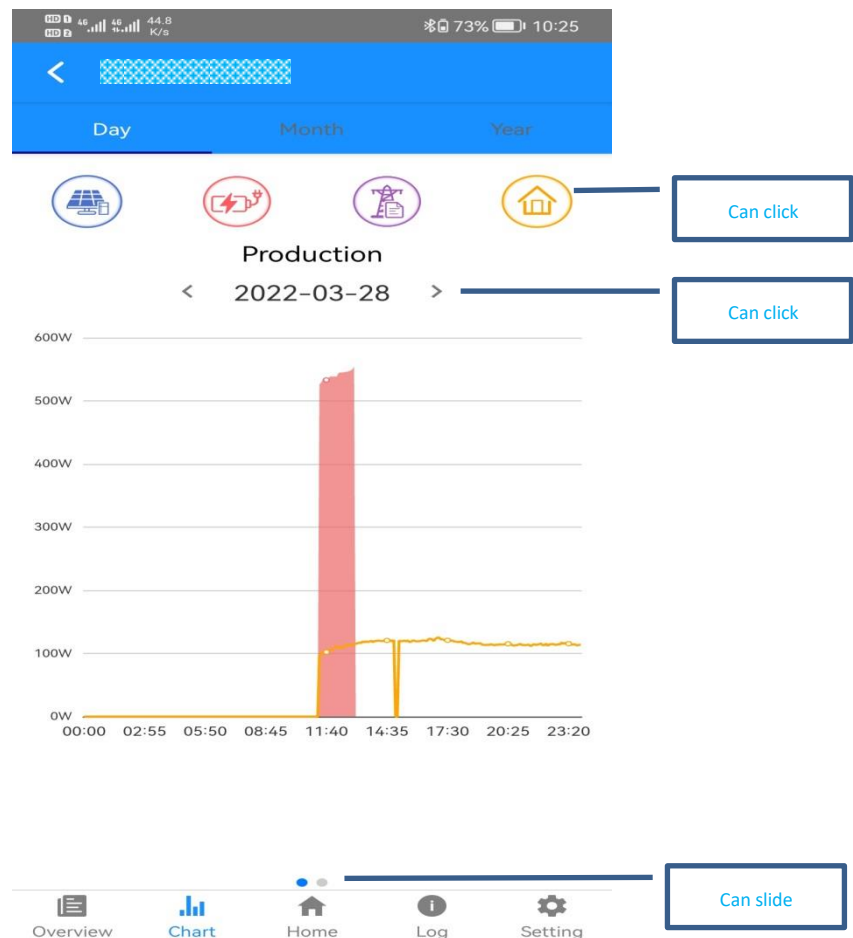
## 6. Yearly Chart



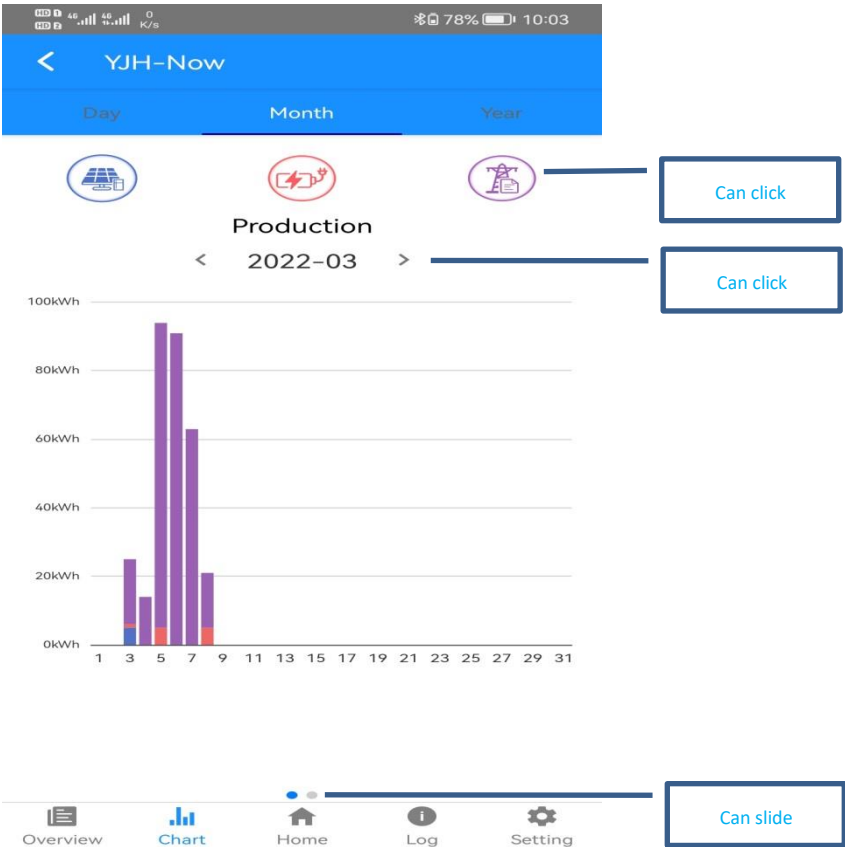
Storage Type:

- (1) The day/month/year charts are divided into two dimensions, namely power generation and electricity consumption. Slide the blue circle at the bottom to switch.
- (2) Click the four icons at the top (blue, red, purple, yellow) to control the display and hide of the corresponding curve.
- (3) Click the date box to change the date.

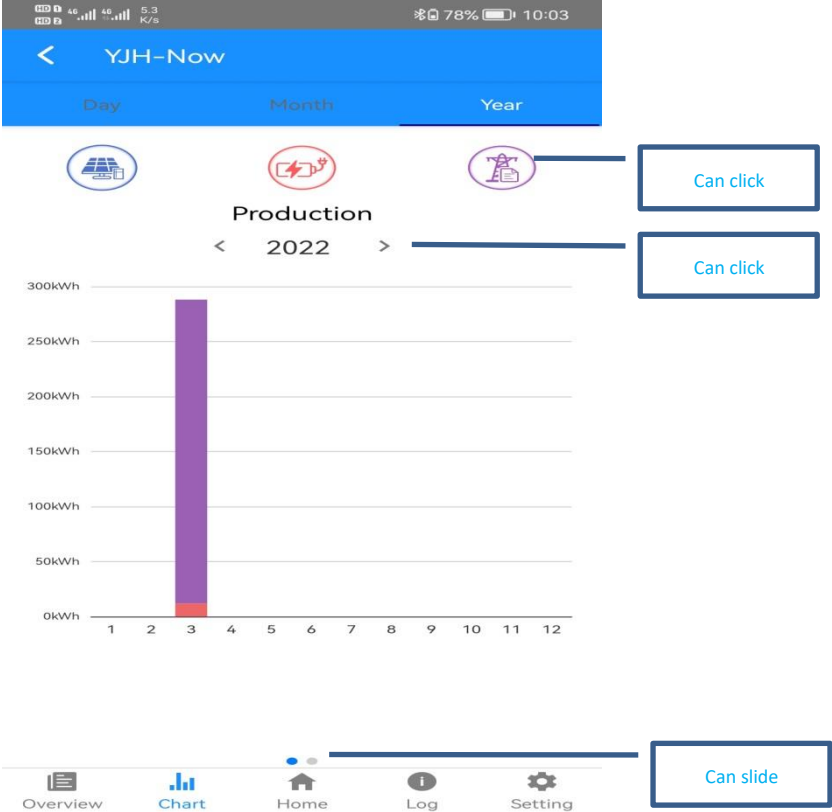
## 7. Daily Chart



8. Monthly Chart



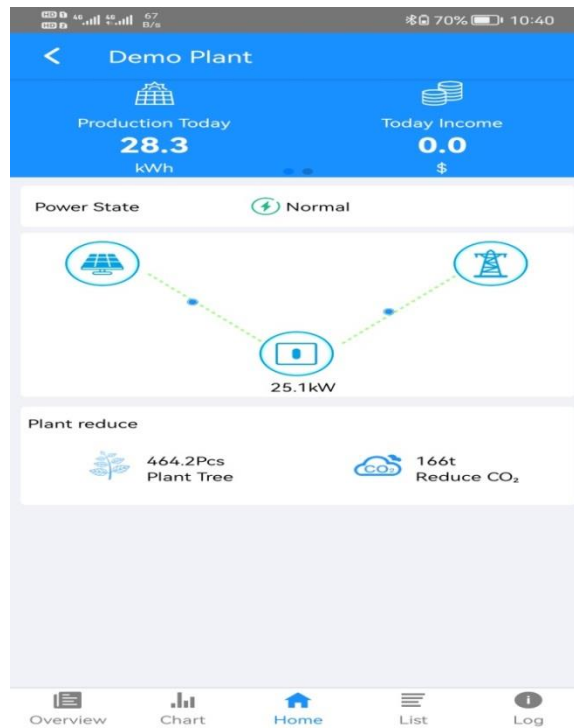
9. Yearly Chart



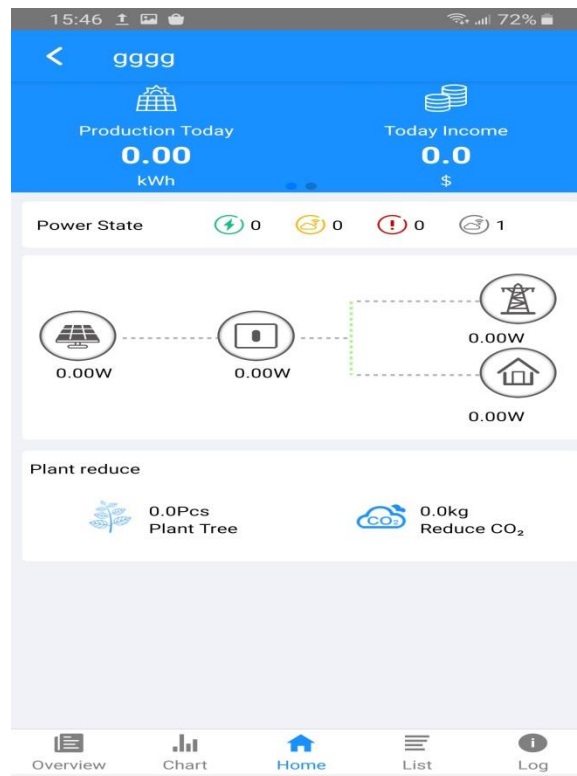
#### 4.3.2.3 HomePage

This page mainly displays the relationship between energy flows in the form of flow diagrams, and assists in displaying other basic information, so that customers can see the overview of the power station.

Grid Type:

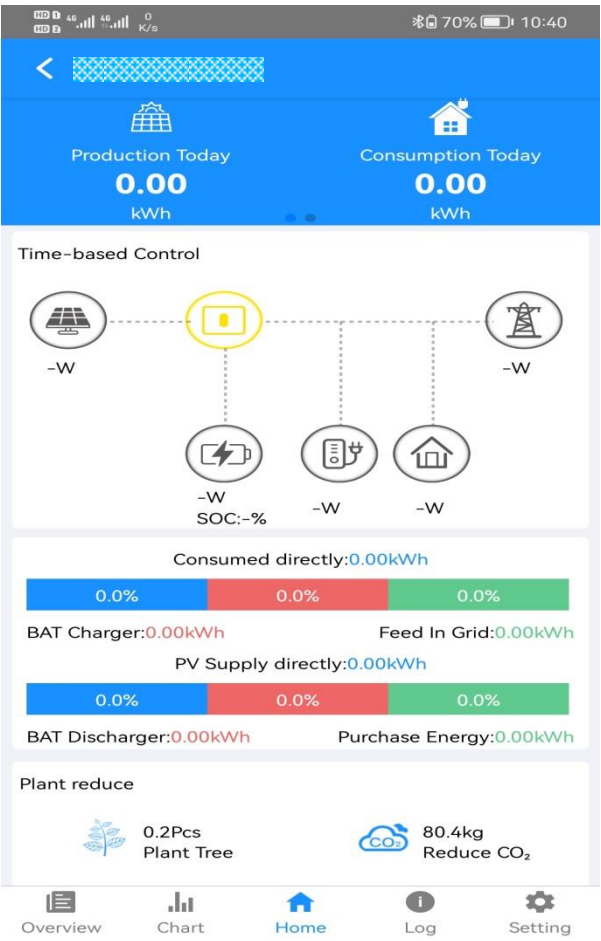


Residential Type:



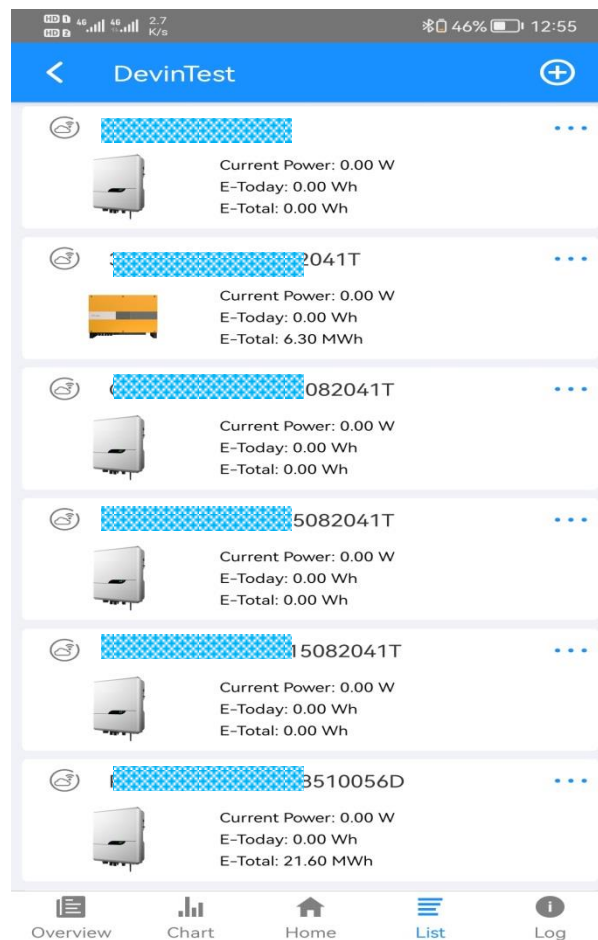


Storage Type:



#### 4.3.2.4 Device List

Press **List** to jump to the device list page. This page shows all the devices in this plant.



The functions shown on the page are described as follows:

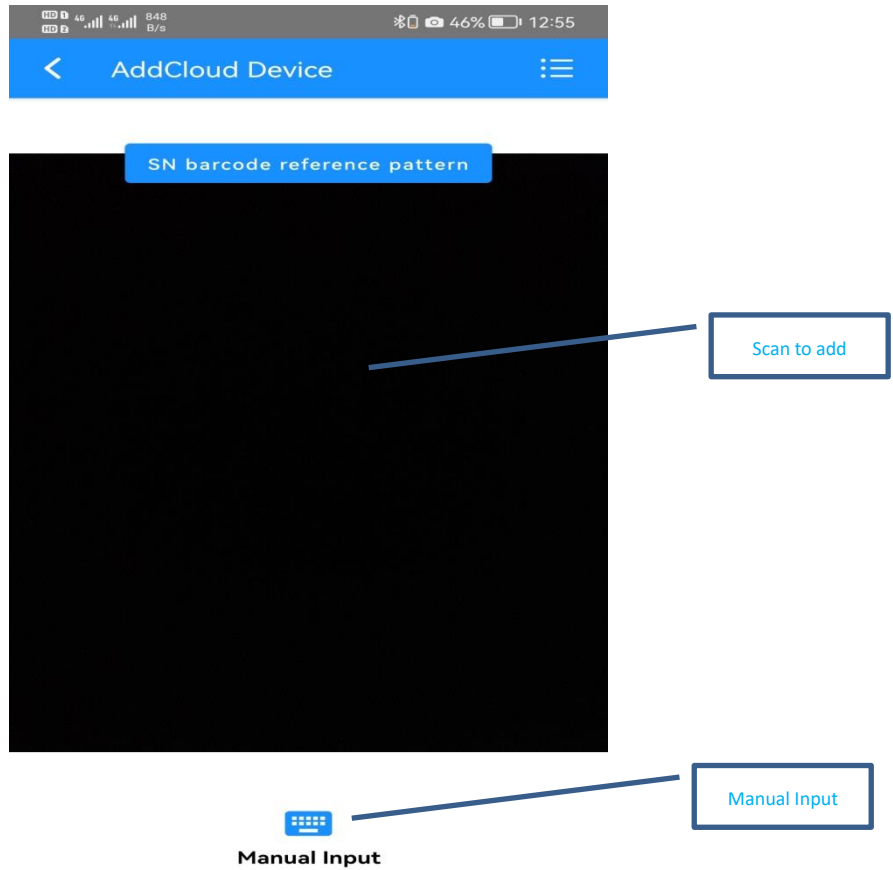
##### ➤ Status

Colors	Green	Yellow	Red	Grey
Description	Normal (Inverter generate power normally )	Standby (Inverter do not generate power)	Fault (inverter failure)	Communication Offline

- Name: Inverter name. Default name is type + serial number.
- Current power: The current output power for the inverter
- E-Today: The sum of PV generating capacity of today for the inverter
- E-Total: The total power generated for the inverter

##### ■ Add Device


Press icon to jump to the add device page ( as shown below ).

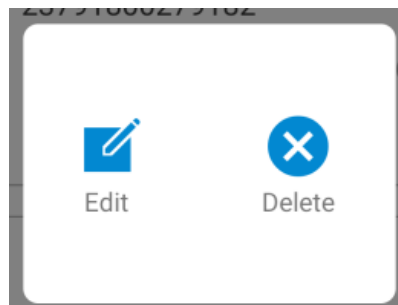


(1) Scan to add. Devices can be added by scanning the serial number.

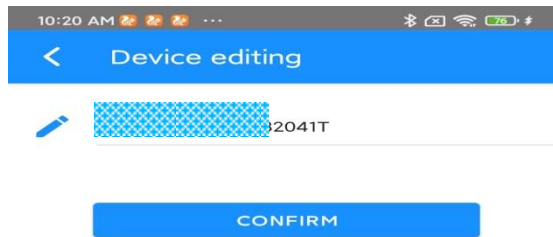
(2) Manual Input. Manually enter the serial number of the device to add the device.

#### ■ Edit Device

Press  button to edit or delete plant. You can choose Edit or Delete in the image below.



Press **Edit** icon to edit device



---

➤ Device name: Edit the name of your plant.

Press **Confirm** to complete editing.

■ Delete Device

Press **Delete** icon to delete device. The current page will be refreshed after the deletion is completed.

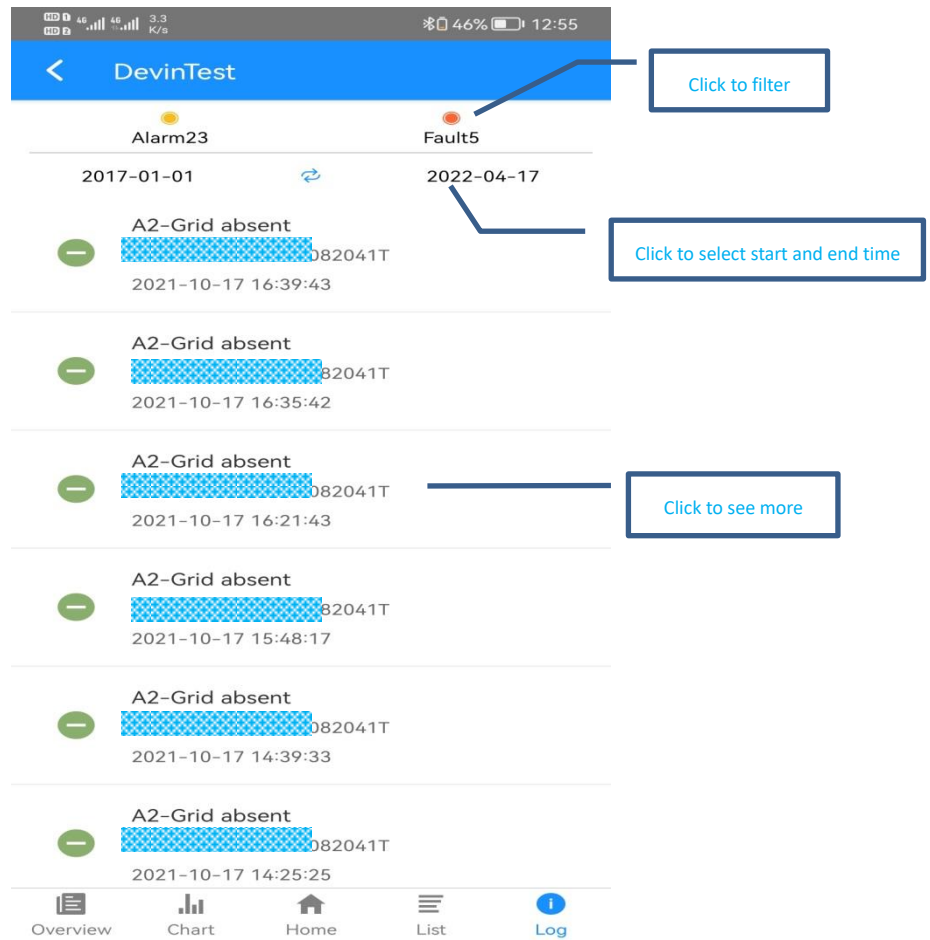
#### 4.3.2.5 Plant Log

Click "**Log**" at the bottom to jump to the log page. This page contains all log information of this plant.

(1) There are currently two types of log information: alarms and faults. Click the corresponding icon at the top, you can control to see only the log information of this category. For example, if you manually click the alarm, only the logs of the alarm category will be displayed in the log list.

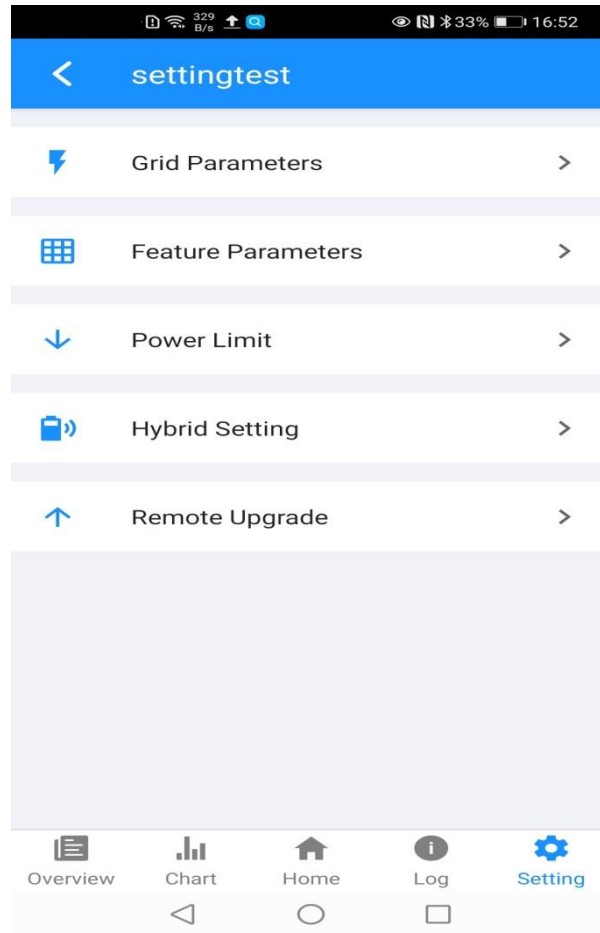
(2) The left and right date boxes control the start and end dates of the log information respectively, and display the log information of different time periods according to the personalized selection.

(3) Click the alarm information in the log list to view the alarm suggestions, etc.



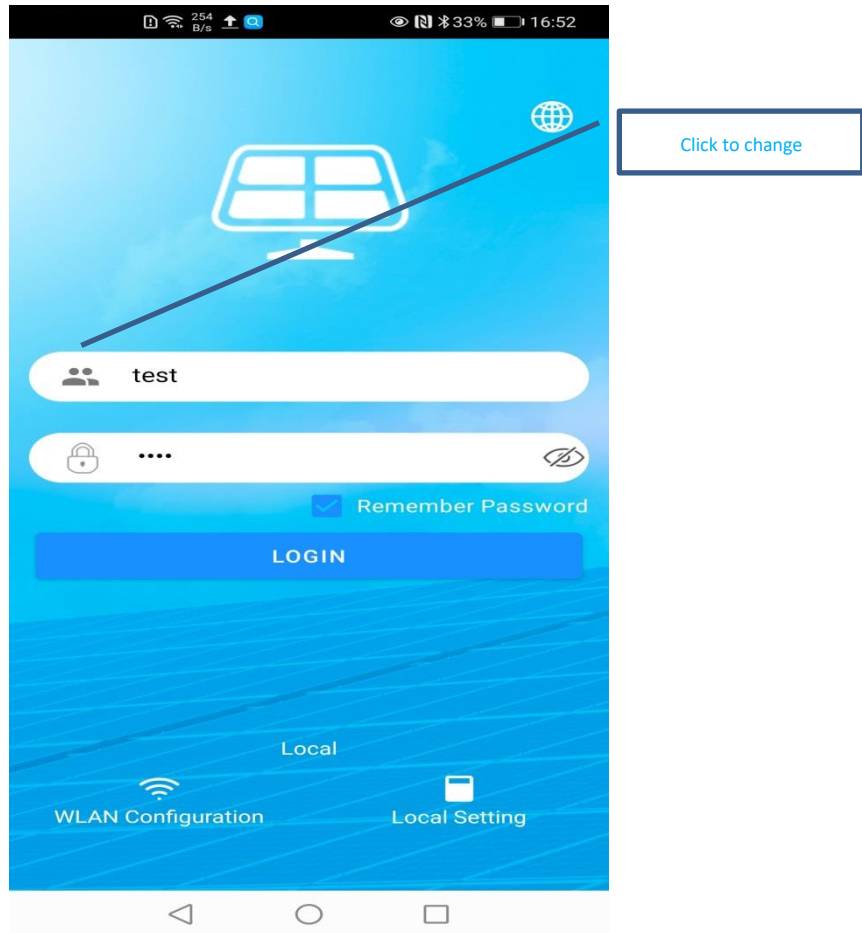
#### 4.3.2.6 Setting

At the power station level, this page can only be seen when it is an energy storage power station. This part is used to remotely set various parameters of the inverter. At present, due to internal adjustment reasons, the parameters under this page are not read-only.



The above page is only in read-only state, and users cannot modify remote settings. If you want to achieve remote settings, you can modify the permissions by following the steps below.

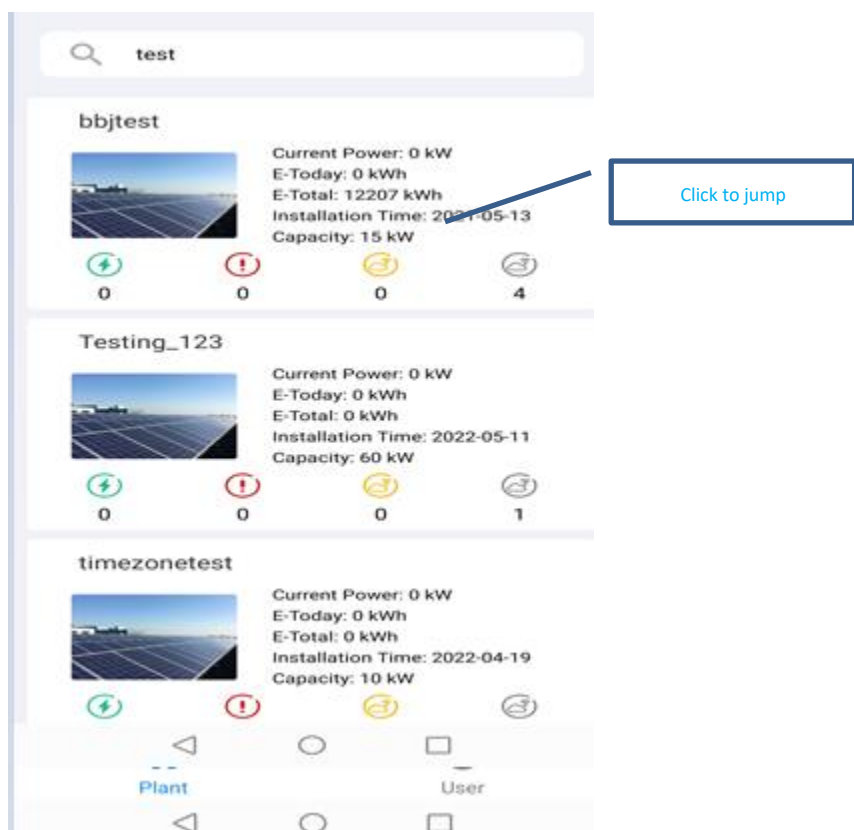
- ( 1 ) Return to the login interface, click the avatar in the account bar to switch, and it will become an icon with two heads, which means that the operation and maintenance system is logged in at this time. Perform remote setup operations as an operation and maintenance administrator.



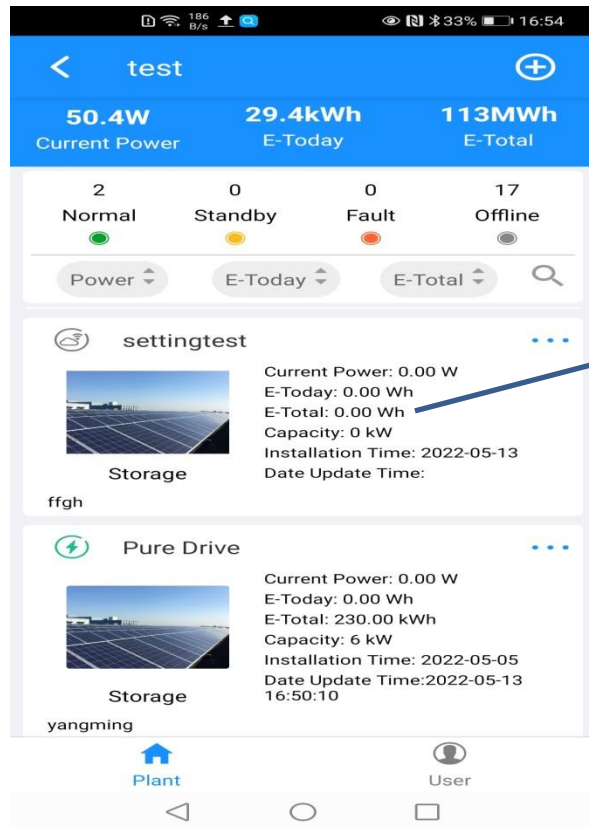
(2) After logging in, you will enter the following interface, click the "Account Management" button in the middle to search for the account where the device is located



At this time, the search account is the test account, and then click the corresponding account to jump to the cloud login.

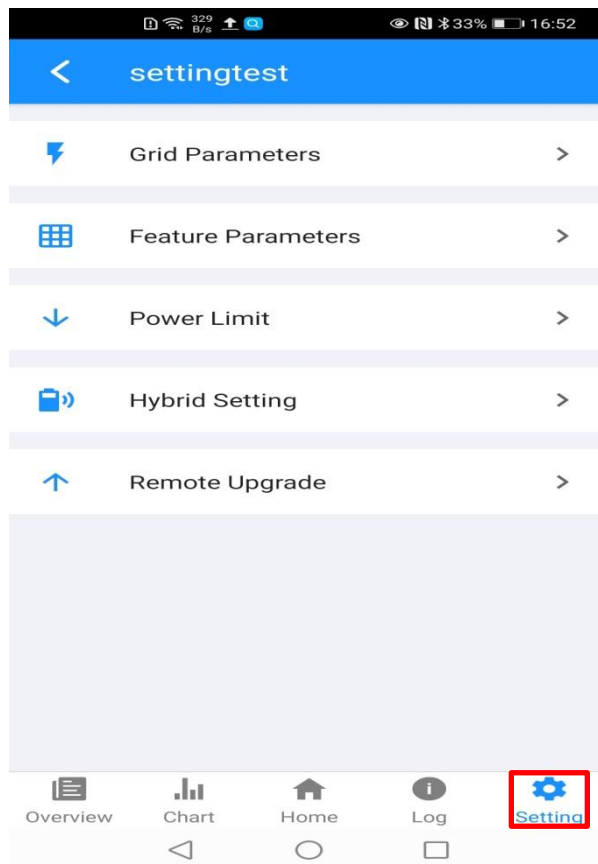






Jump to cloud monitoring

Then find the above setting position, it will no longer be read-only at this time, but can be set.



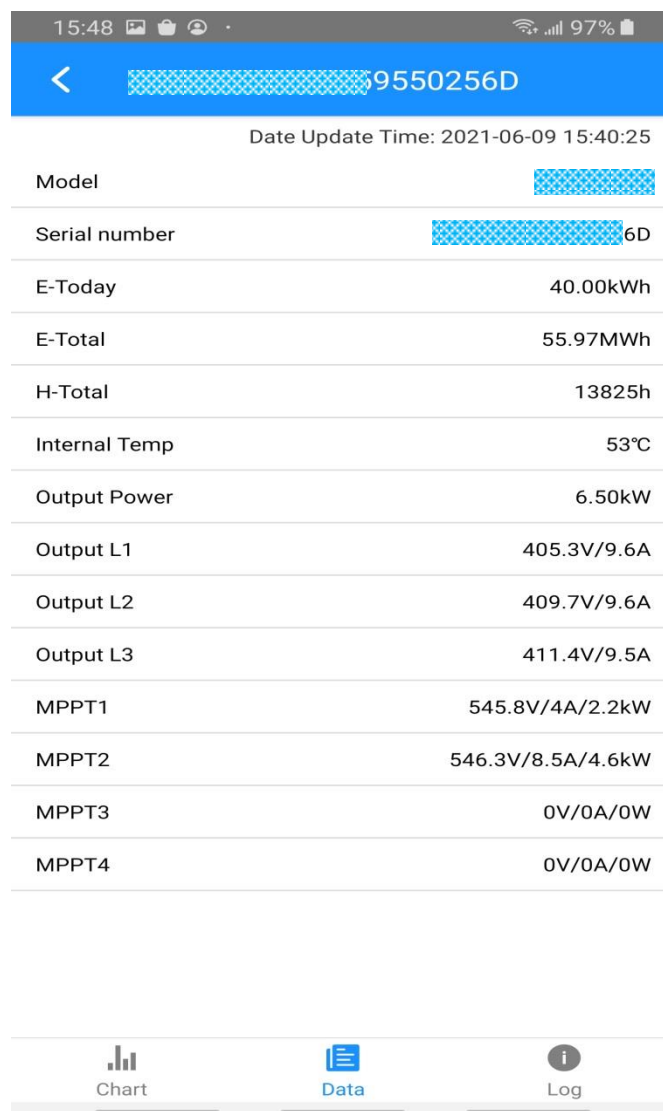
### 4.3.3 Device Information

#### 4.3.3.1 Device Chart

This page shows the power generation data curve of the equipment (including the data of day, month, and year, and the energy storage power station does not have this interface). The display and operation are the same as the power station level chart, but the display angle is different. The operation is not repeated here.

#### 4.3.3.2 Device Data

This page shows the basic information of the device.



Date Update Time: 2021-06-09 15:40:25	
Model	
Serial number	6D
E-Today	40.00kWh
E-Total	55.97MWh
H-Total	13825h
Internal Temp	53°C
Output Power	6.50kW
Output L1	405.3V/9.6A
Output L2	409.7V/9.6A
Output L3	411.4V/9.5A
MPPT1	545.8V/4A/2.2kW
MPPT2	546.3V/8.5A/4.6kW
MPPT3	0V/0A/0W
MPPT4	0V/0A/0W

The functions shown on the page are described as follows:

- Model: The model of the device.
- Serial number: The serial number of the device.

- Output Power: The output power for the inverter
- E-Today: The sum of PV generating capacity of today for the inverter.
- E-Total: The total power generated for the inverter.
- H-Total: The total running time for the inverters
- Internal Temp: It is the internal temperature of the inverter.
- Output: It includes the voltage, current, and output power.
- MPPT: It includes the voltage, current, and input power.

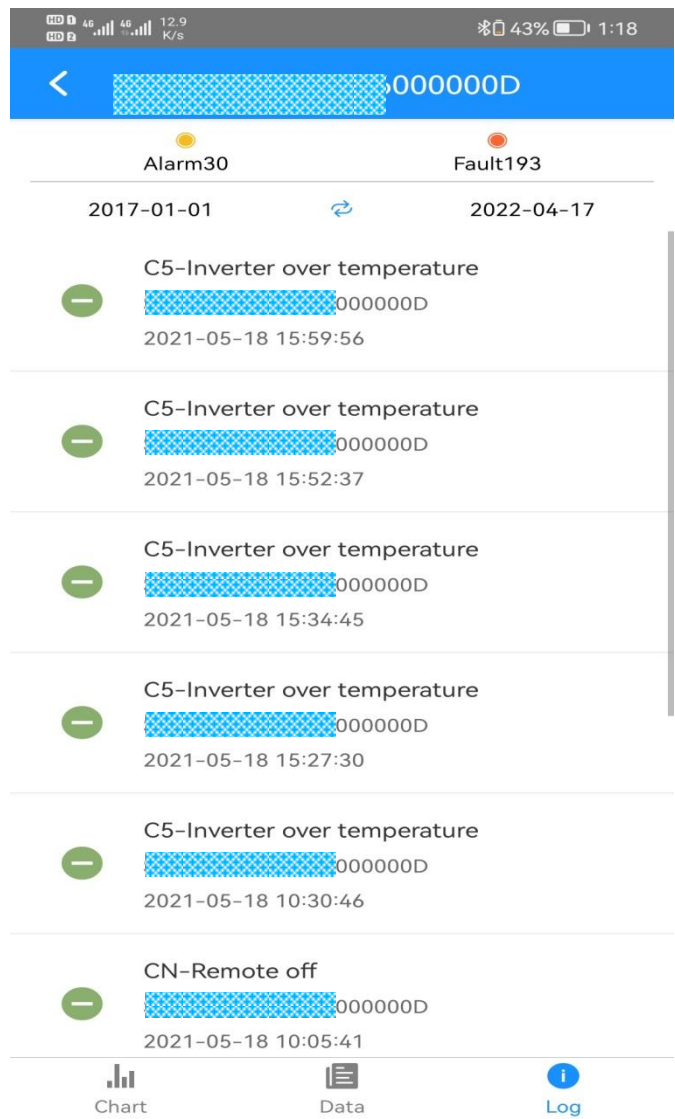
#### 4.3.3.3 Device Log

Click "Log" at the bottom to jump to the log page. This page contains all log information for this device.

(1) There are currently two types of log information: alarms and faults. Click the corresponding icon at the top, you can control to see only the log information of this category. For example, if you manually click the alarm, only the logs of the alarm category will be displayed in the log list.

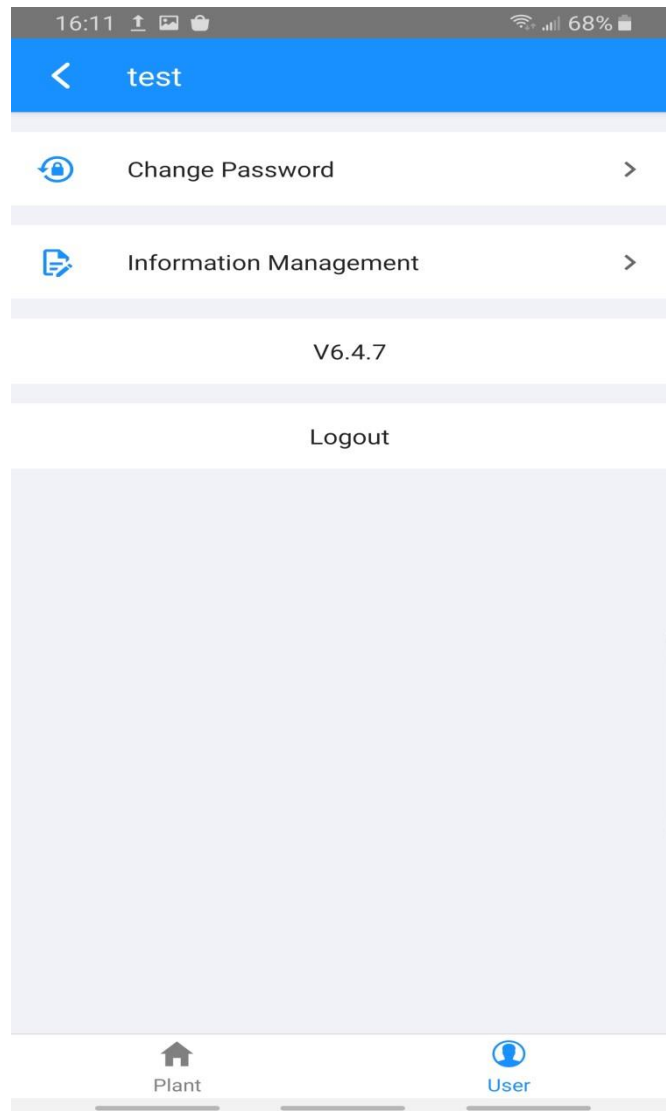
(2) The left and right date boxes control the start and end dates of the log information respectively, and display the log information of different time periods according to the personalized selection.

(3) Click the alarm information in the log list to view the alarm suggestions, etc..



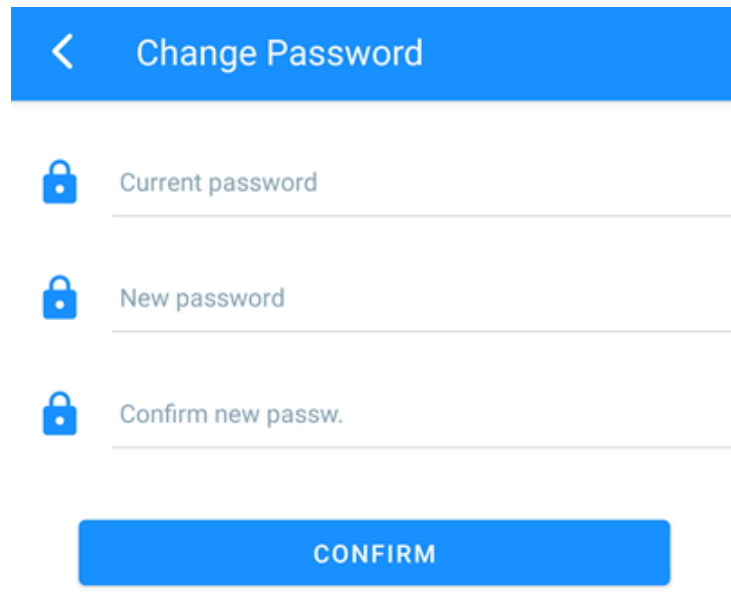
#### 4.3.4 Account

Press **User** to go to account page.



#### 4.3.4.1 Change Password

Press **Change Password** icon.



The image shows a mobile application screen for changing a password. At the top is a blue header bar with a white back arrow icon on the left and the text "Change Password" in white. Below the header, there are three input fields, each preceded by a blue padlock icon. The first field is labeled "Current password", the second "New password", and the third "Confirm new passw.". Each field has a horizontal line below it for text entry. At the bottom of the form is a blue button with the word "CONFIRM" in white capital letters.

You can change the login account password in this page.

#### 4.3.4.2 Information Management

Information Management

✉ [masked]tw

✉ Please enter your alternate e-mail address

☎ [masked]642

🕒 (UTC+8:00) Beijing, Taipei

Fault information push ☐

CONFIRM

- Register Mail: The mailbox you use for account registration.
- Contact Phone: You can enter contact user phone number.
- Time zone: Choose the time zone you need. The default is (UTC+8:00) Beijing, Taipei, Kuala Lumpur.
- Fault information push: After opening, the fault information will be pushed to the registered mailbox

## 5. Local Setting

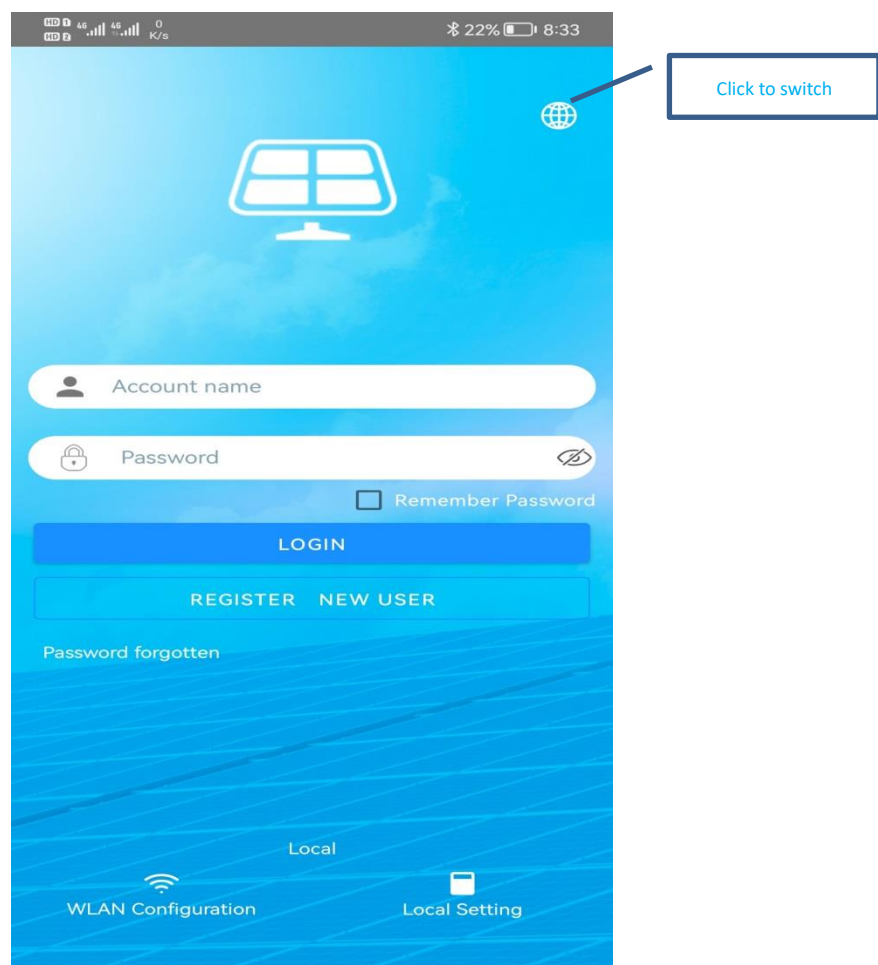
### 5.1 Access Permission

Before using the local setting, the APP should access some permissions. ( You can allow them when you install the APP or grant permissions in your own phone setting. )

When the APP asks for permission, please click Allow.

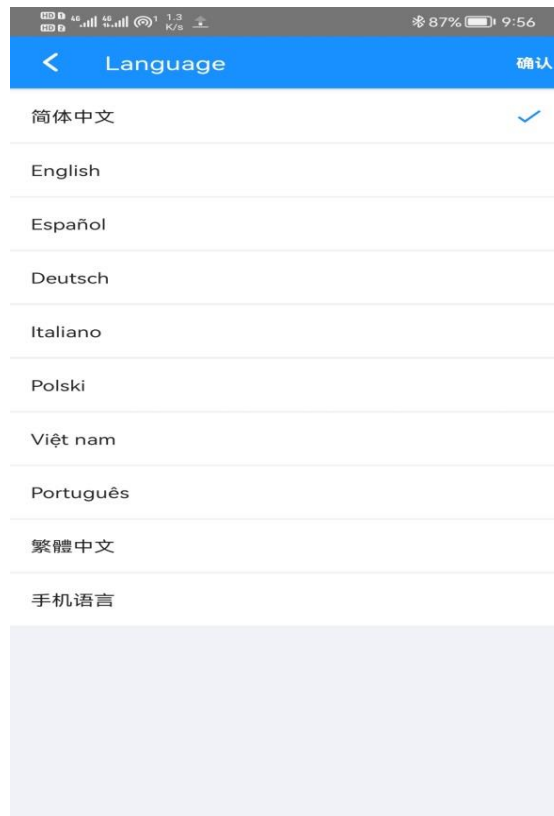
### 5.2 Switch Language

In order to reduce the operation of switching back to the system itself to modify the language, the APP now supports the rapid switching of languages. Click the Icon in the upper right corner to realize the language switching.





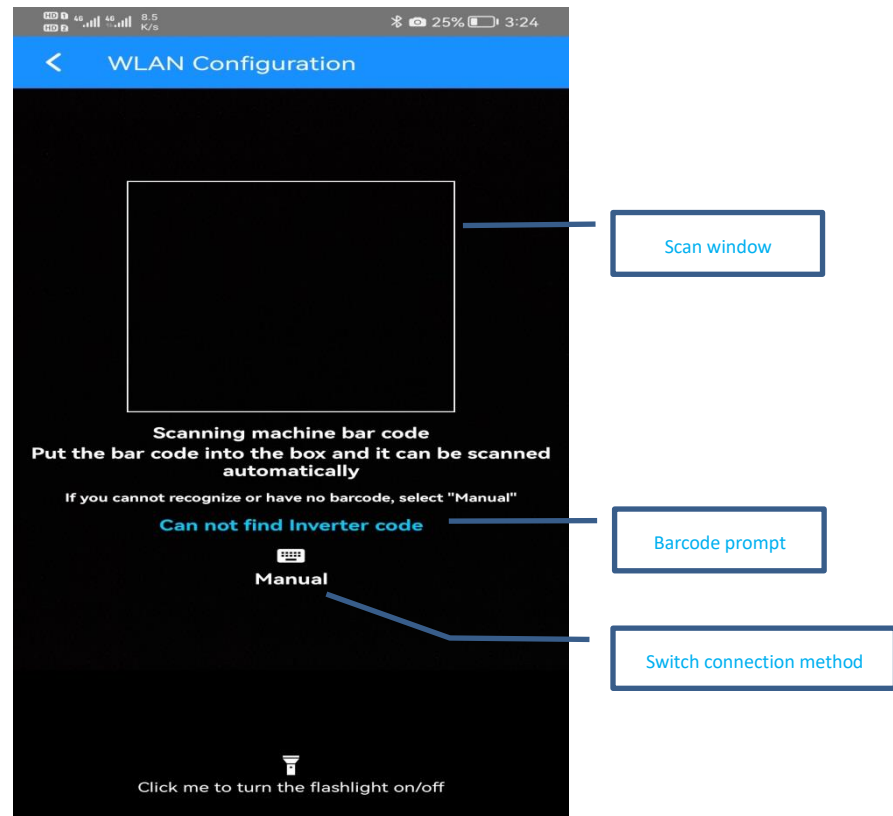
After selecting the language you want to switch from the language list, click "**Confirm**" in the upper right corner.



### 5.3 WLAN Configuration

First, open the APP and click the word "WLAN configuration" in the lower left corner, the page will jump to the configuration page. At this time, there are two ways to connect the device:

- (1) Scan code to connect. Place the device barcode inside the box.
- (2) Manual connection. Manually enter the serial number of the inverter that requires WLAN configuration.

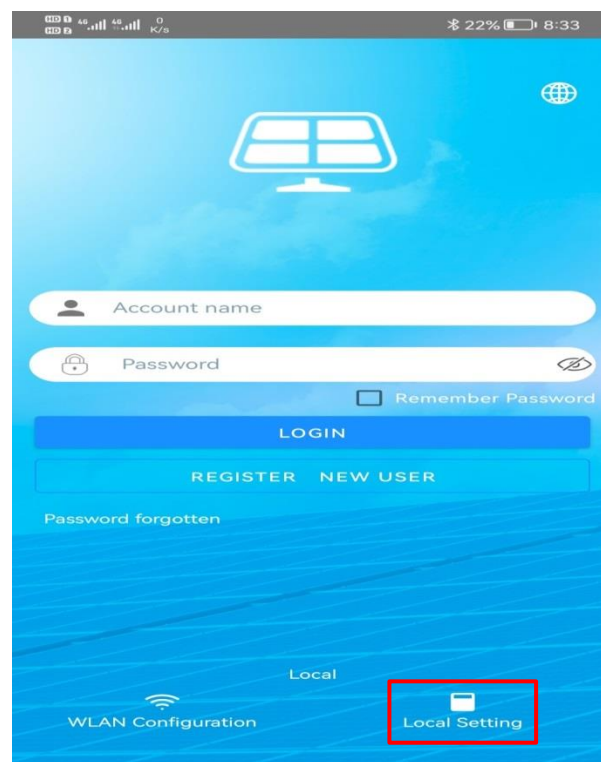


Once the device is connected, it is the process of connecting the device to the router. At this time, the page will be as shown in the figure below. After selecting the wireless LAN and WIFI password, click "WLAN configuration".

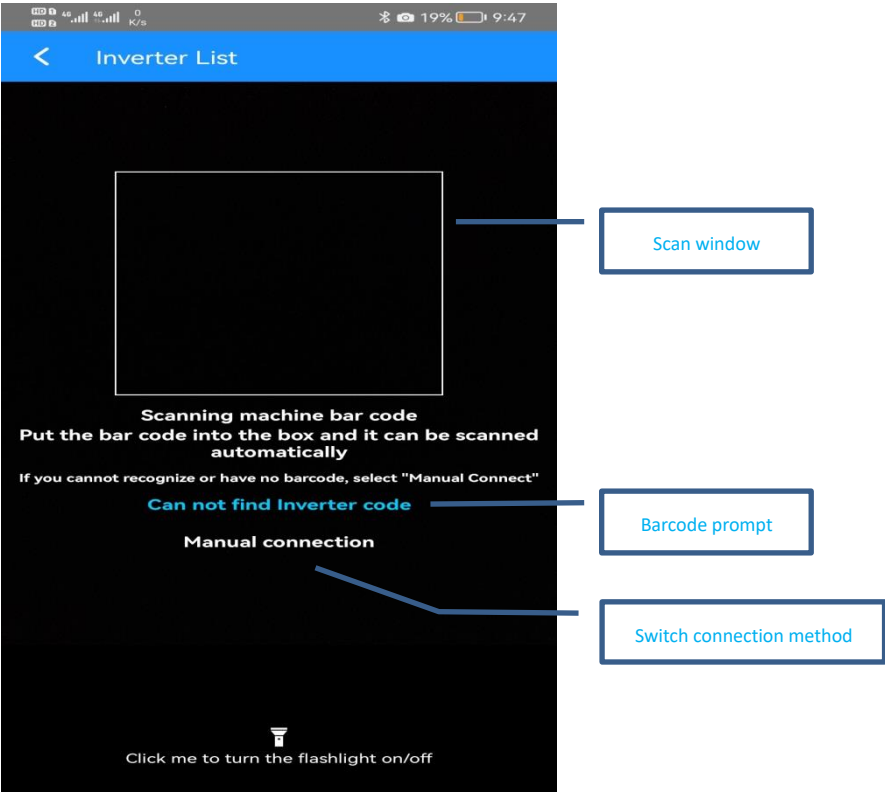


## 5.4 Connect Inverter

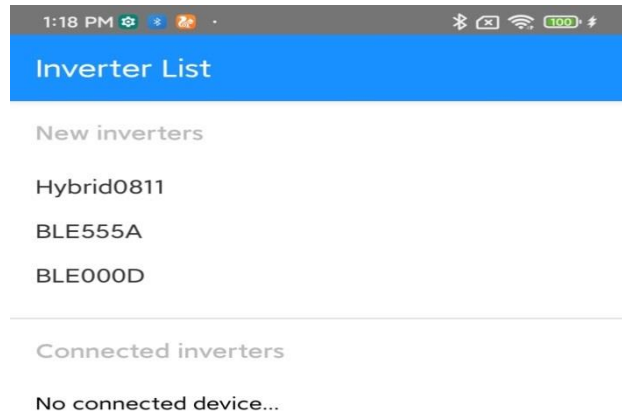
Firstly, open the Bluetooth on your own phone, then open the APP.



Connection method 1: Scan code to connect. Scan the barcode of the device to be connected in the box. If you don't know where the barcode of the device is, you can click the words "**Can not find inverter code**" to view the schematic diagram. ( As shown below )



Connection method 2: Manual connection. If you cannot connect by scanning the code or in other situations, you can click "**Manual Connect**" to complete the device connection. The page is as shown below, select the device you want to connect in the device list



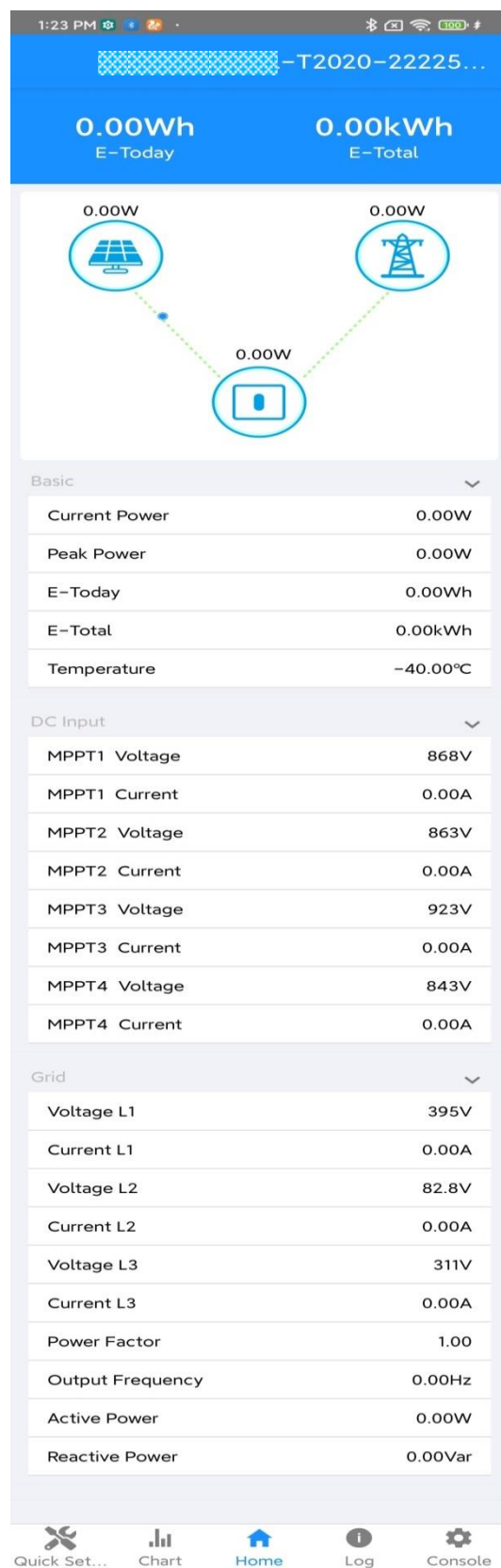
SCANNING NEW DEVICES...

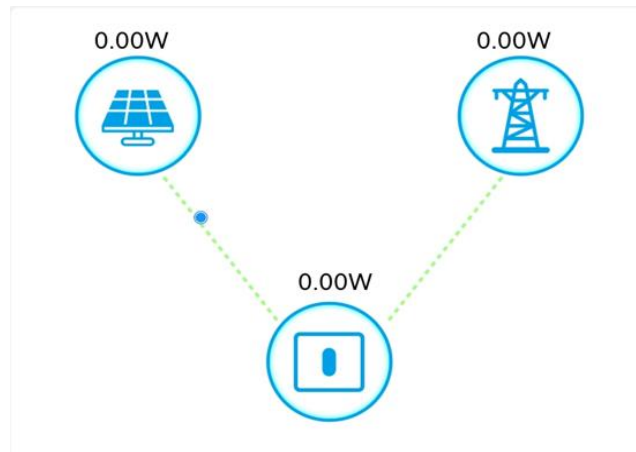
RETURN

## 5.5 Local Setting Homepage

This page shows the basic information of inverter.

Grid Type:





- Flow Chart: It is used to show the relationship between the flow of energy. You can click icon to shrink the corresponding content of the information bar below.

Basic <span>▼</span>	
Current Power	0.00W
Peak Power	0.00W
E-Today	0.00Wh
E-Total	0.00kWh
Temperature	-40.00°C

- Basic Information: This will show basic information .

DC Input <span>▼</span>	
MPPT1 Voltage	868V
MPPT1 Current	0.00A
MPPT2 Voltage	863V
MPPT2 Current	0.00A
MPPT3 Voltage	923V
MPPT3 Current	0.00A
MPPT4 Voltage	843V
MPPT4 Current	0.00A

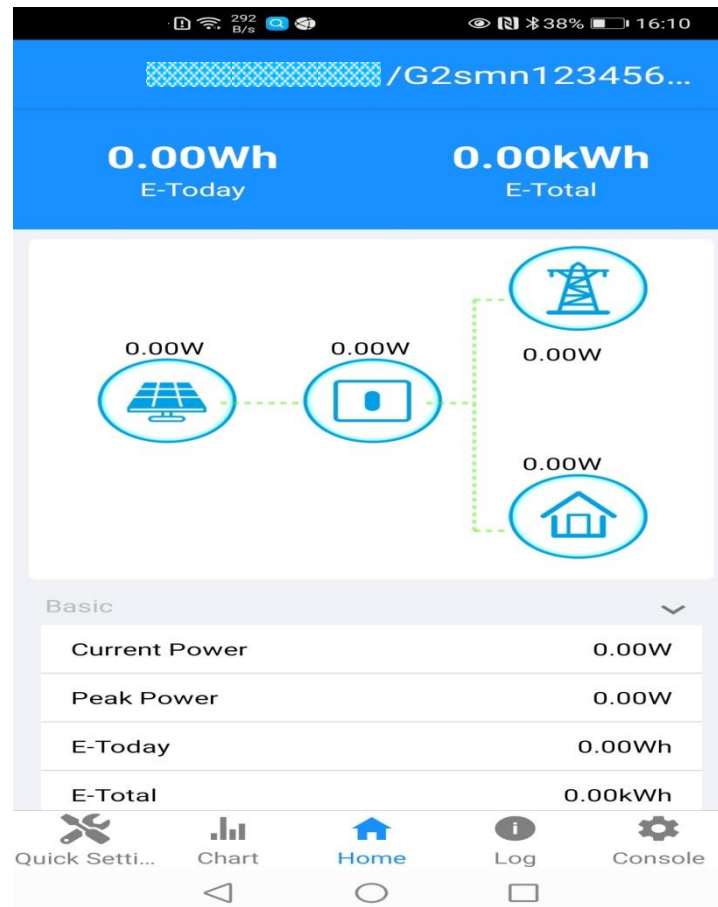
- DC Input Information: The voltage and current of the multi-channel MPPT are mainly displayed here.

Grid	
Voltage L1	395V
Current L1	0.00A
Voltage L2	82.8V
Current L2	0.00A
Voltage L3	311V
Current L3	0.00A
Power Factor	1.00
Output Frequency	0.00Hz
Active Power	0.00W
Reactive Power	0.00Var

- Grid Information: This mainly displays the information on the Grid side.

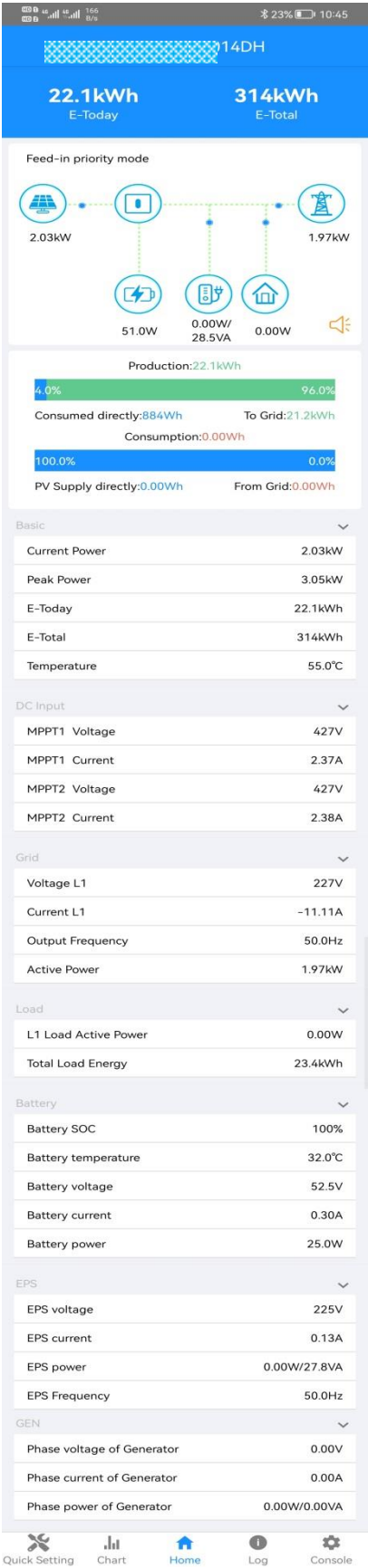


Residential Type:



- Flow Chart: It is used to show the relationship between energy flows, by clicking on the icon to narrow down the corresponding content in the information bar below.
- Other Parameters: The rest of the page shows the parameters of the device

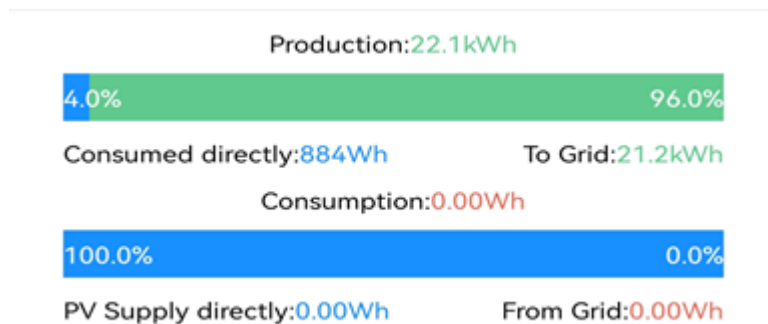
Storage Type:



- Flow Chart: It is used to show the relationship between energy flows, by clicking on the icon to narrow down the corresponding content in the information bar below. Click the icon of the speaker to view the current alarm information.



- Bar Chart: It is used to display the proportional relationship of the distribution of energy.



- Basic parameters: This column shows the basic index information of the inverter.

Basic		Clickable
Current Power	2.03kW	
Peak Power	3.05kW	
E-Today	22.1kWh	
E-Total	314kWh	
Temperature	55.0°C	

- DC side: This field mainly displays the voltage and current of MPPT.

DC Input		Clickable
MPPT1 Voltage	427V	
MPPT1 Current	2.37A	
MPPT2 Voltage	427V	
MPPT2 Current	2.38A	

- Grid side: This column displays the information of various indicators on the grid side

Grid		⌵
Voltage L1	227V	⌵
Current L1	-11.11A	
Output Frequency	50.0Hz	
Active Power	1.97kW	

Clickable

- Load side: This field displays various indicator information on the load side

Load		⌵
L1 Load Active Power	0.00W	⌵
Total Load Energy	23.4kWh	

Clickable

- Battery: This column displays various indicator information of the battery

Battery		⌵
Battery SOC	100%	⌵
Battery temperature	32.0°C	
Battery voltage	52.5V	
Battery current	0.30A	
Battery power	25.0W	

Clickable

- EPS: This column displays various indicator information of the EPS

EPS		⌵
EPS voltage	225V	⌵
EPS current	0.13A	
EPS power	0.00W/27.8VA	
EPS Frequency	50.0Hz	

Clickable

- GEN: This field mainly displays generator data

GEN	
Phase voltage of Generator	0.00V
Phase current of Generator	0.00A
Phase power of Generator	0.00W/0.00VA

Clickable

## 5.6 Log Page

Press **Log** at first and then it will jump to the log page ( as shown above ). It contains all the logs for the inverter. Through the fault information, it is easy to judge the operating status of the machine

The screenshot shows the 'Log' page of an inverter monitoring application. At the top, there's a status bar with signal strength, battery level (23%), and time (10:47). Below that is a blue header with the text '00.....014DH'. The main content area lists several fault logs, each with a green exclamation mark icon, a description, a timestamp, and a status (Inactive or Active). The logs include:

- CJ-Meter lost (2022-04-20 18:09:56, Inactive)
- A2-Grid absent (2022-04-20 18:09:55, Inactive)
- A1-Grid under voltage (2022-04-20 18:09:52, Inactive)
- A2-Grid absent (2022-04-20 18:09:52, Active)
- A4-Grid under frequency (2022-04-20 18:09:52, Inactive)
- D3-Battery under volt (2022-04-20 18:08:04, Inactive)
- CC-Software incompatibility (2022-04-20 18:07:54, Active)
- A1-Grid under voltage (2022-04-20 18:07:53, Active)

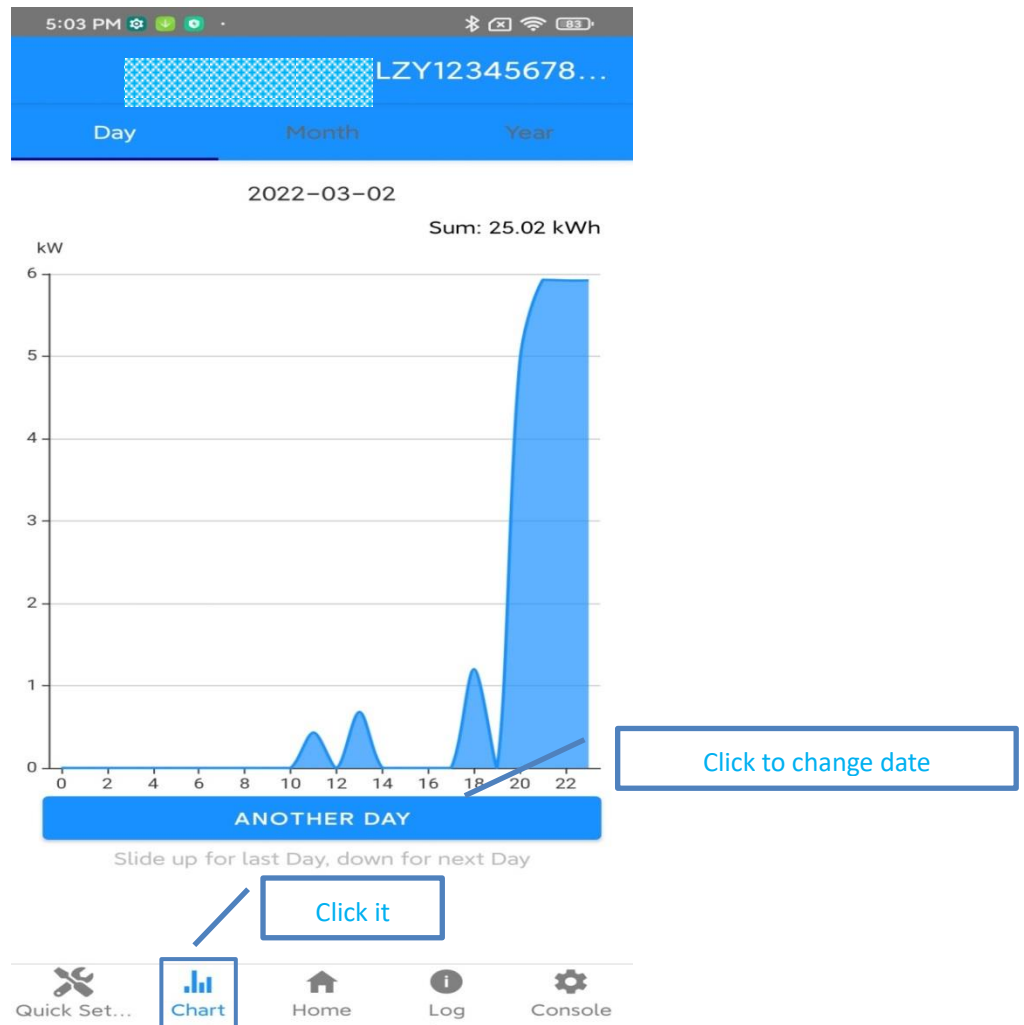
At the bottom, there's a navigation bar with five icons: Quick Setting, Chart, Home, Log, and Console. The 'Log' icon is highlighted with a blue box and a callout that says 'Click it'.

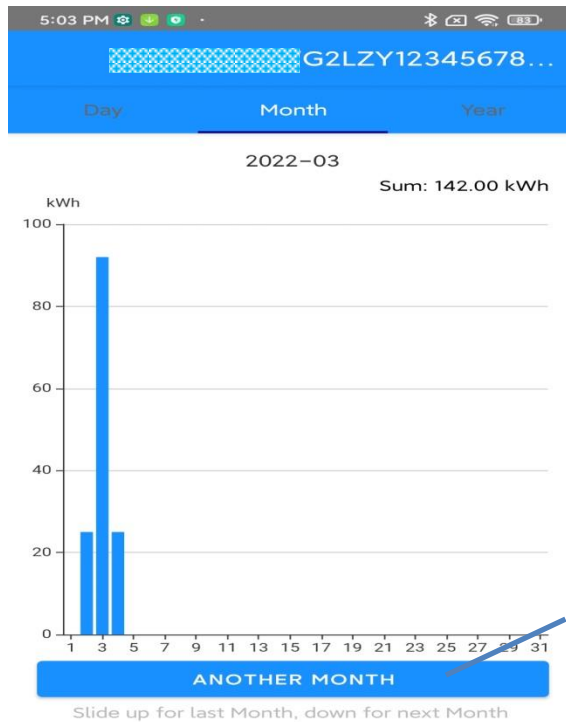
## 5.7 Chart Page

Press **Chart** to jump to the Chart Page ( as shown above ).

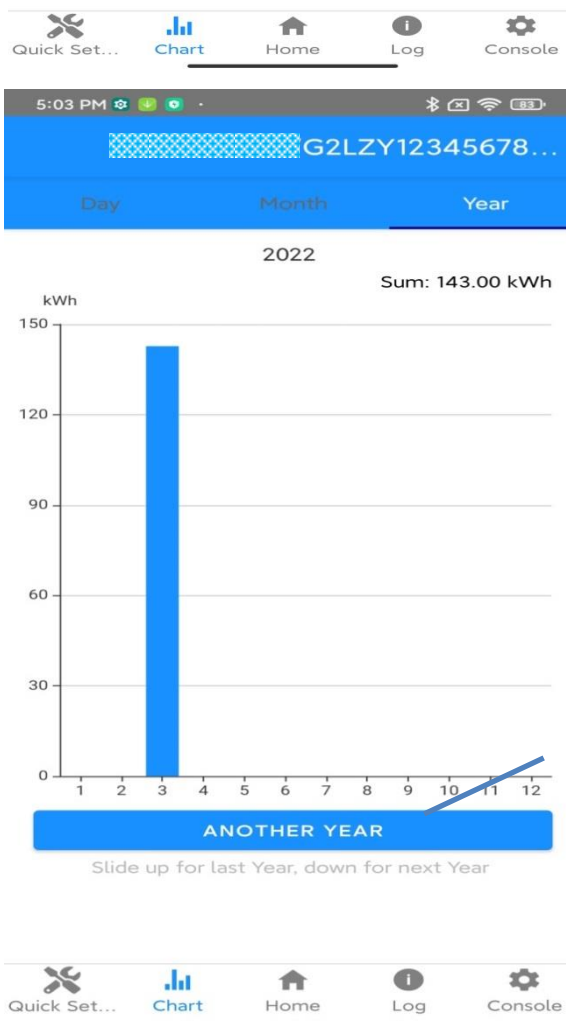
Grid Type:

It will show the Day/Month/Year power Generation Curve (as shown in the Figure below). You can slide up for the next day and slide down for last day. The monthly and annual charts are the same as before.





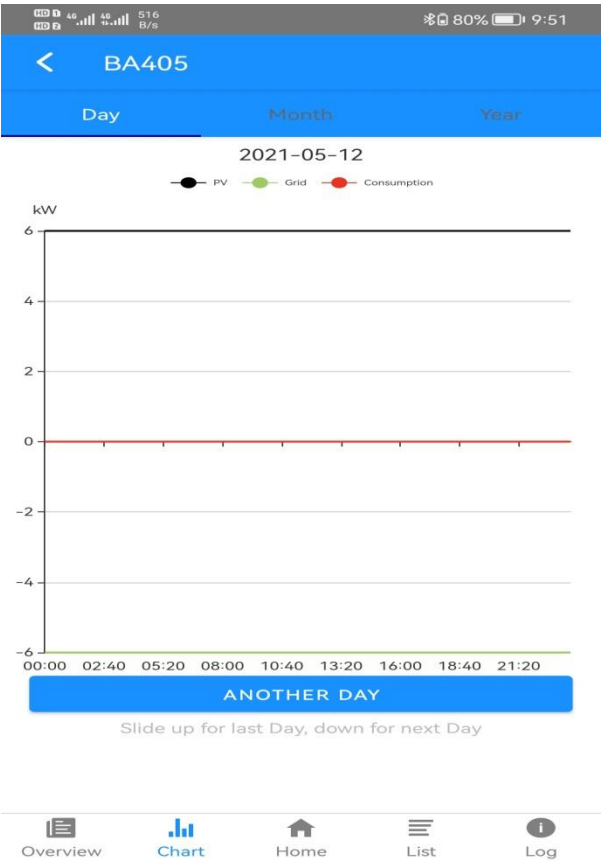
Click to change date



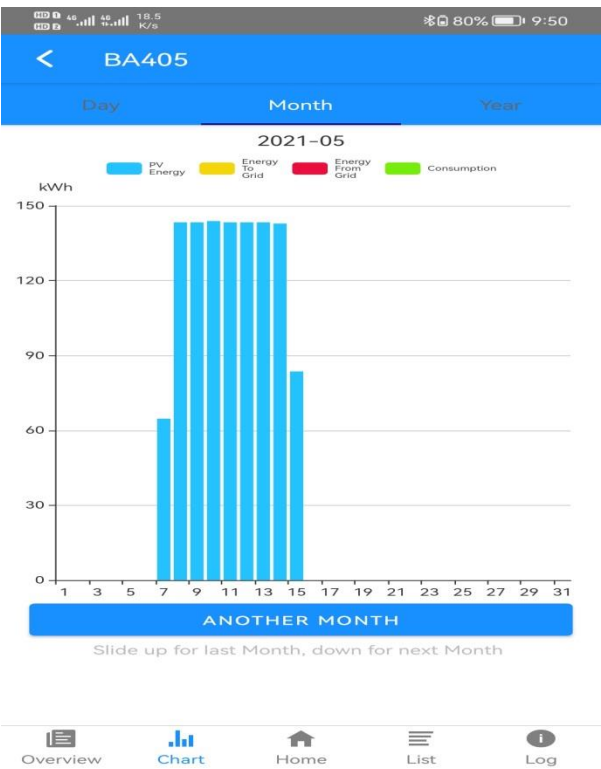
Click to change date

Residential Type: The operation is consistent with the Grid Type.

1. Daily Chart

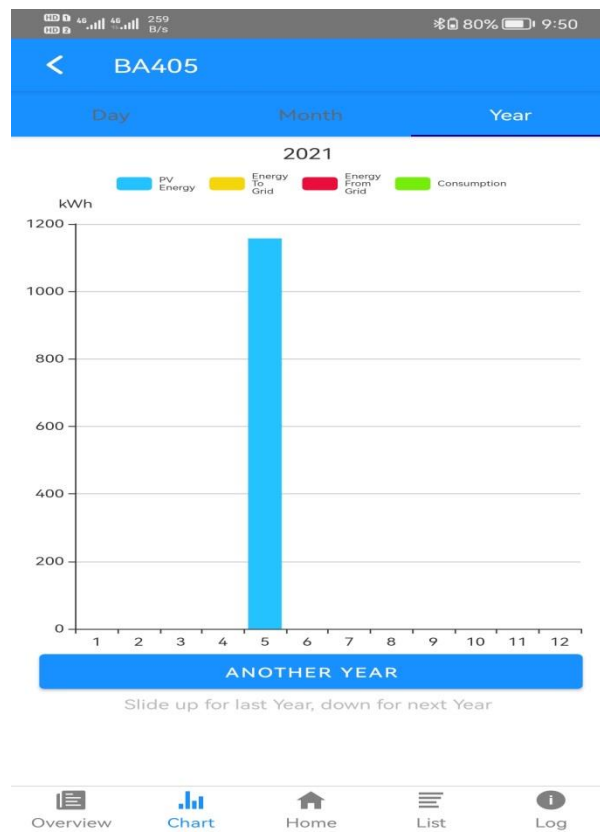


2. Monthly Chart





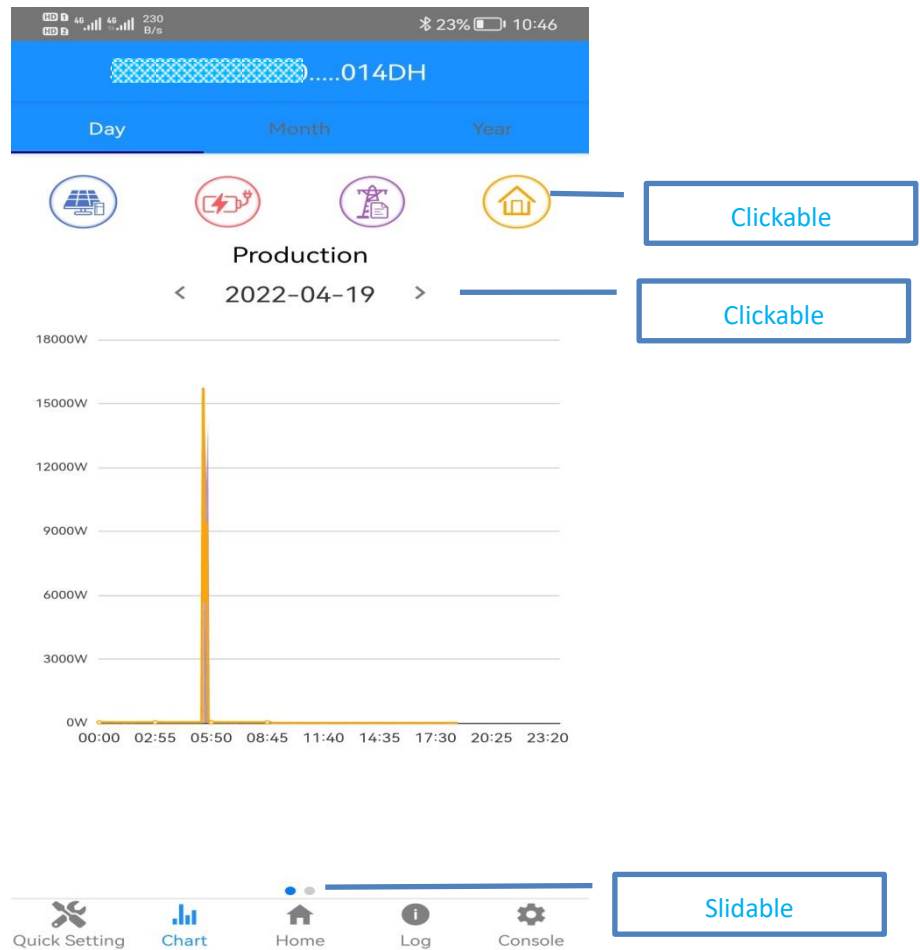
### 3. Yearly Chart



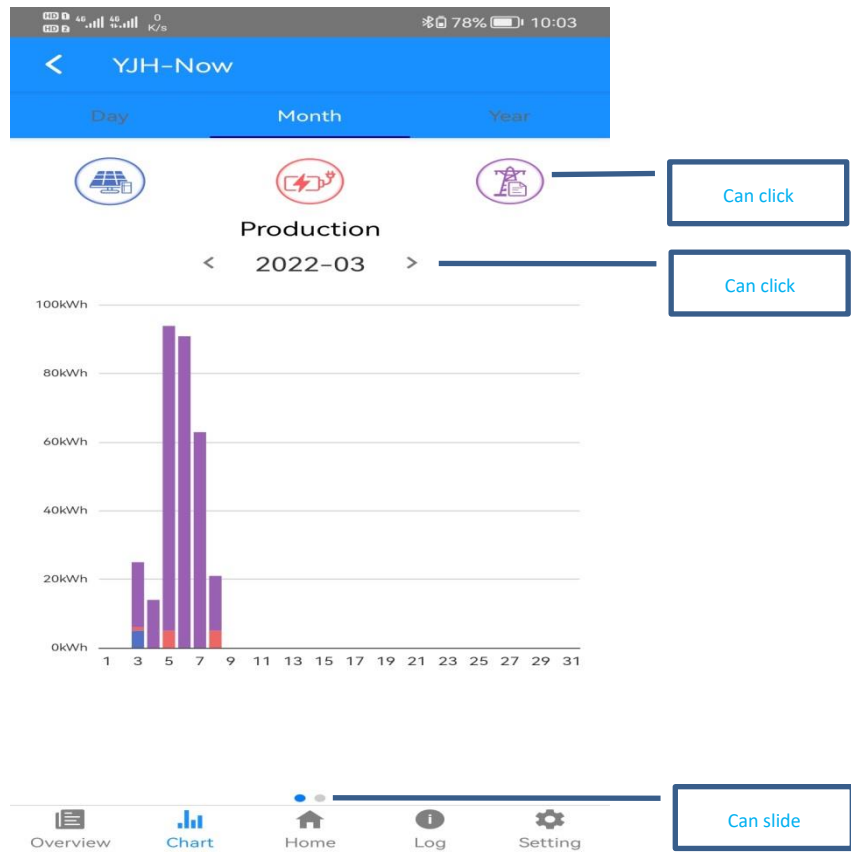
Storage Type:

- (1) The daily/monthly/yearly charts are divided into two dimensions, namely power generation and electricity consumption. Slide the blue circle at the bottom to switch.
- (2) Click the four icons at the top (blue, red, purple, yellow) to control the display and hide of the corresponding curve.
- (3) Click the date box to change the date.

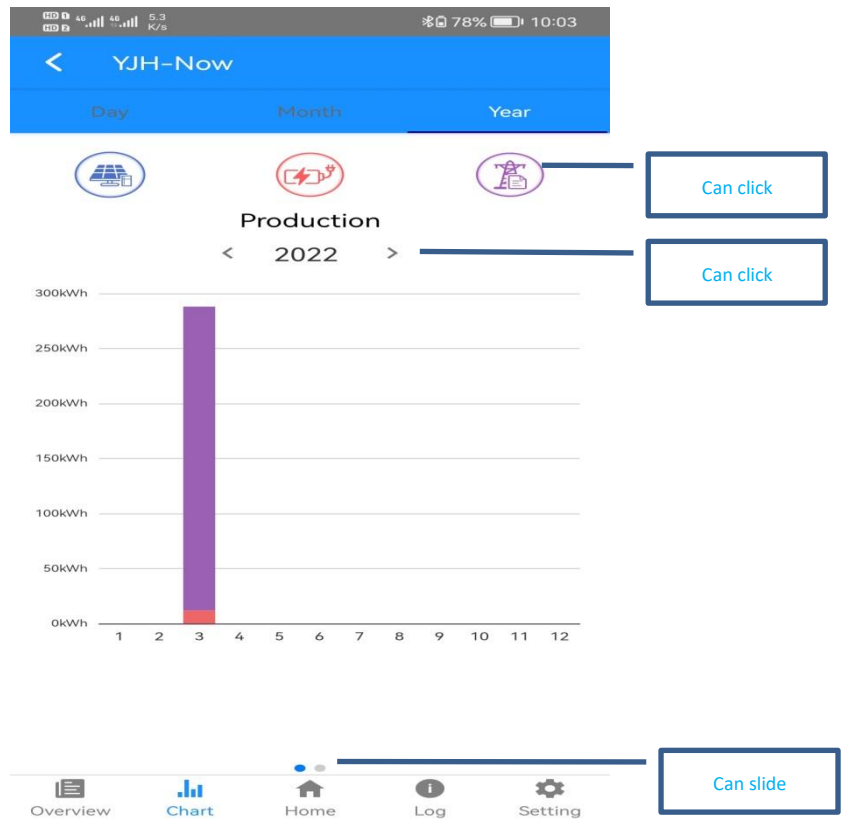
#### Daily Chart



## Monthly Chart



## Yearly Chart



## 5.8 Quick Setting Page

This page is used to quickly set up the inverter and configure important parameters so that the inverter can work quickly and normally. Different steps may appear text prompts when selecting different content to guide customers to understand.

The screenshot shows a mobile application interface for configuring a device. At the top, the status bar displays the time 9:45 AM and various icons. Below the status bar is a blue header with a patterned background and the text 'T2020-22225...'. A progress bar with three steps is shown, with step 1 highlighted. The main content area is titled 'Step1 Set parameters the inverter to connect to the router'. It features a diagram of a device connected to a router via a dashed line labeled 'SSID' and 'Password'. Below the diagram, there are two input fields: 'WIFI SSID' with the value 'wuyiyi' and 'WIFI PASSWORD'. A 'Next' button is located at the bottom right, with a callout box containing the text 'Click to next step'. At the bottom of the screen is a navigation bar with five icons: 'Quick Set...', 'Chart', 'Home', 'Log', and 'Console'.

9:45 AM

T2020-22225...

1 2 3

Step1 Set parameters the inverter to connect to the router

SSID  
Password

WIFI SSID  
wuyiyi

WIFI PASSWORD

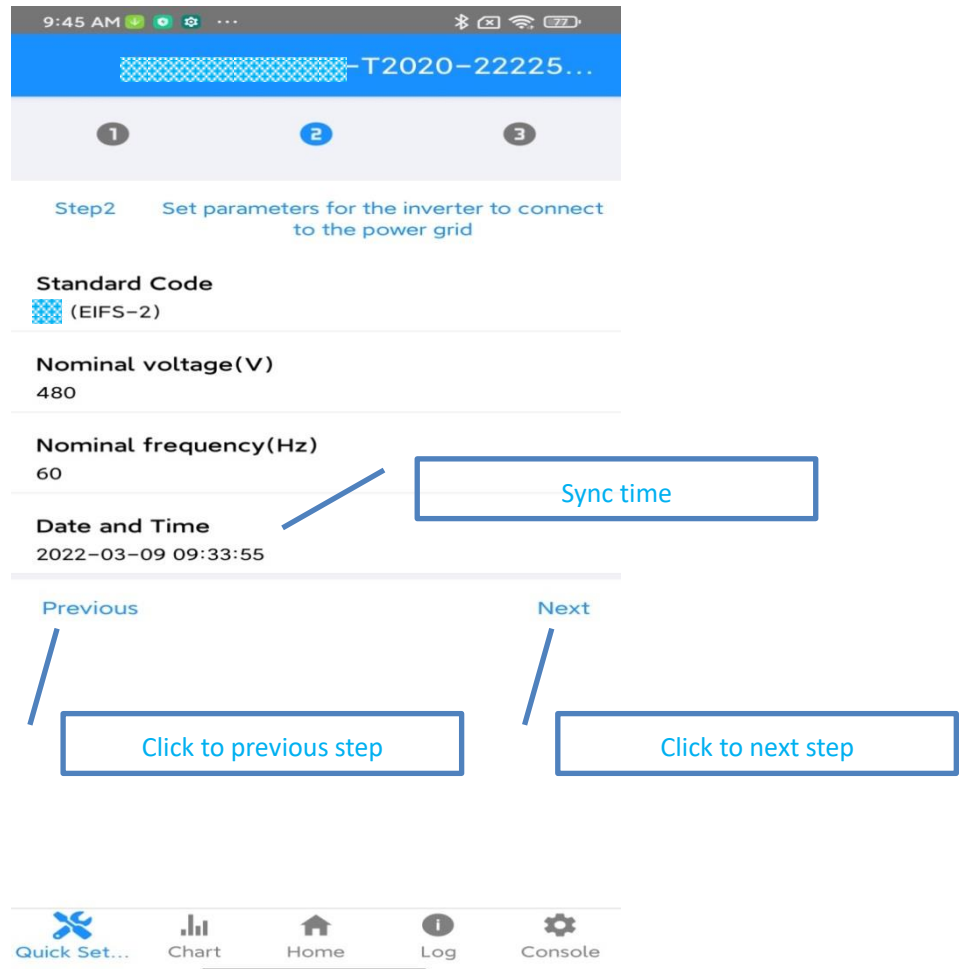
Next

Click to next step

Quick Set... Chart Home Log Console

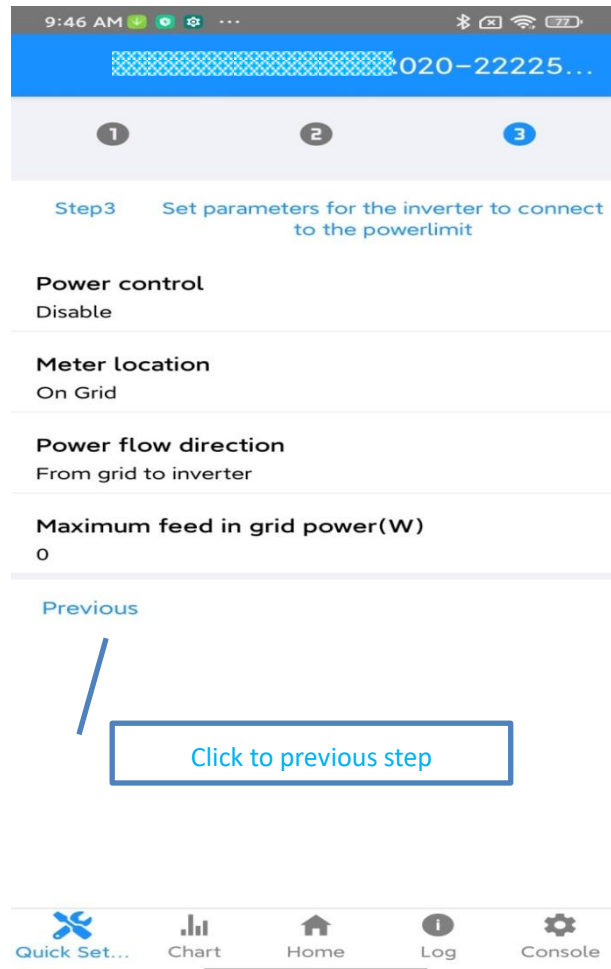
WLAN Connection. Configure WIFI so that the inverter and router are connected to facilitate subsequent data transmission.

- WIFI SSID: Click **WIFI SSID** to select a SSID. There are two ways to choose, importing from the list and entering manually.
- WIFI PASSWORD: Enter WIFI PASSWORD and then click **OK**, the connection process will then begin.



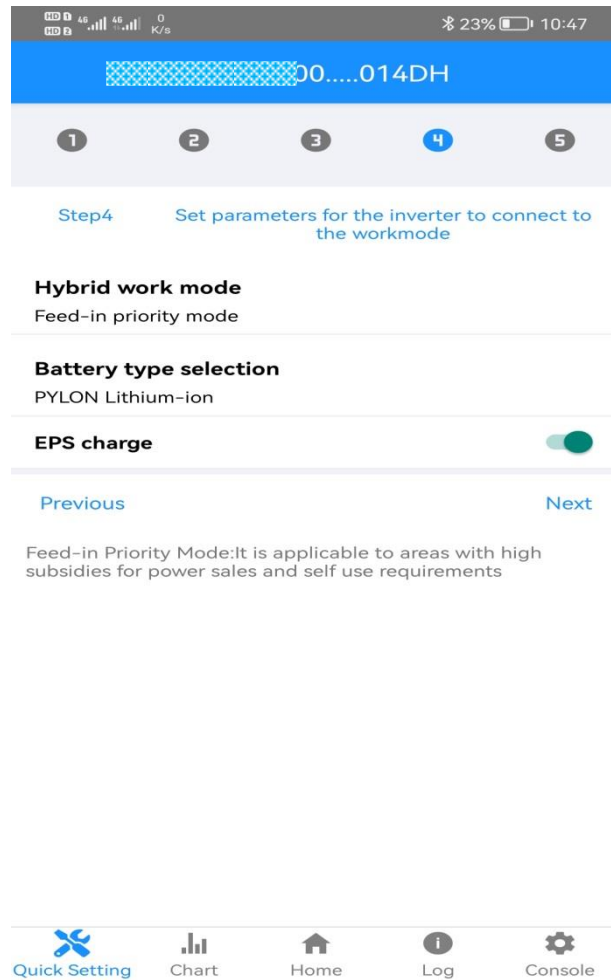
Set parameters on the grid side.

- Standard Code: Click to select a standard code to suit regulatory requirements.
- Norminal voltage: Set a voltage value
- Norminal frequency: Set a frequency value
- Date and Time: Synchronize inverter time with mobile phone.

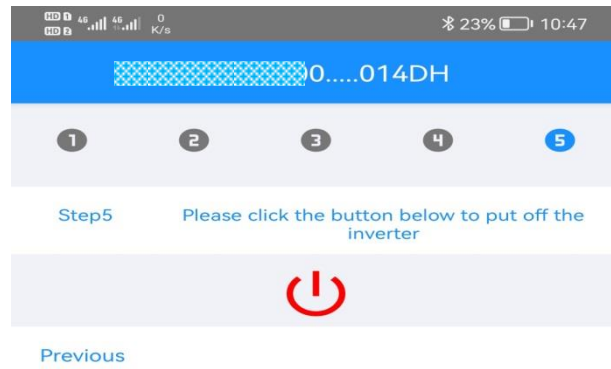


Configure the PowerLimit function.

- Power control: Decide whether to enable the feature, and what device to use if enabled.
- Meter location: Set the meter's location.
- Power flow direction: Set the Power flow direction.
- Maximum feed in grid power: Set a maximum feeder power.



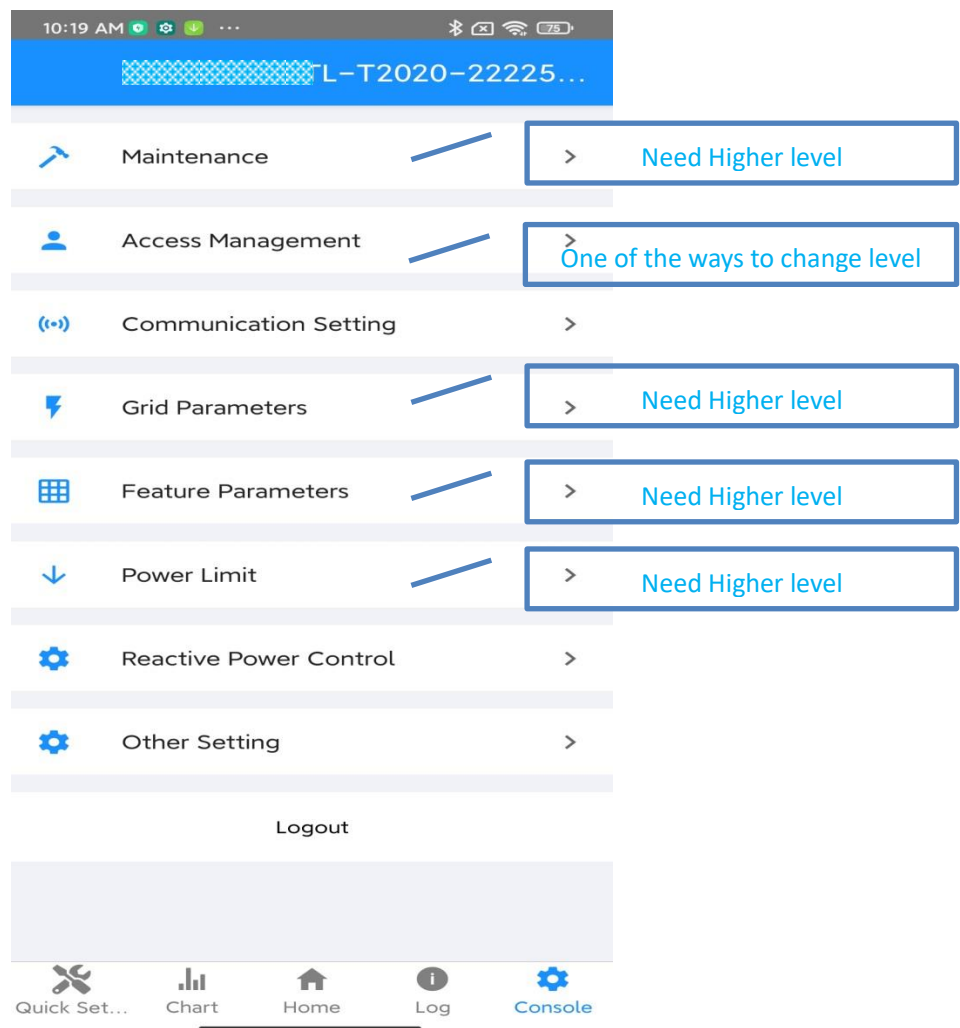
Configure energy storage system parameters. This page can configure many parameters of the energy storage system according to actual needs.



Turn on/Turn off inverter.( This page is only available for energy storage systems)

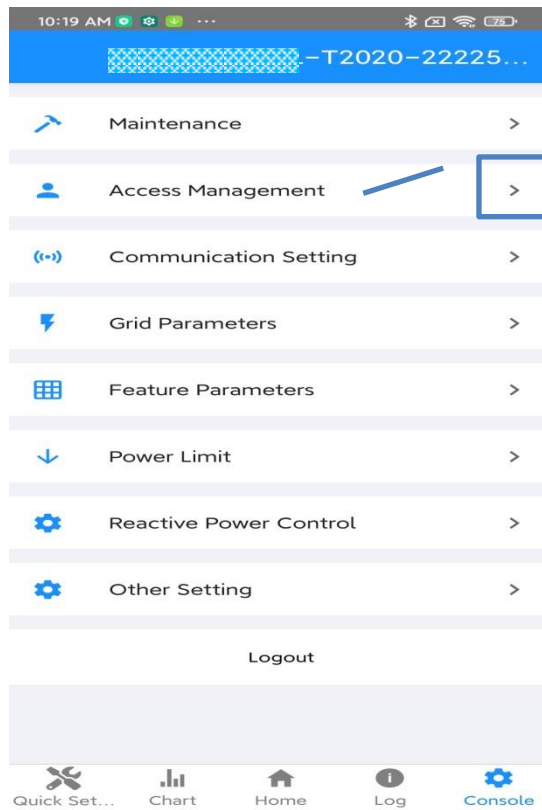


## 5.9 Console Page



### 5.9.1 Access Management(Change level)

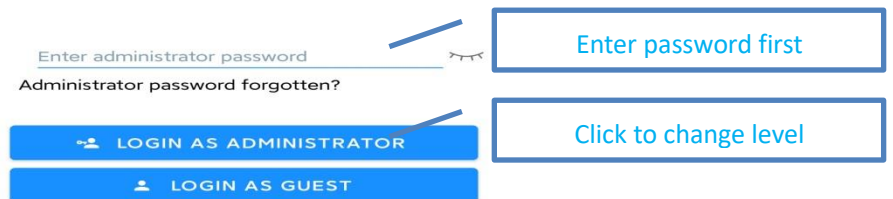
The contents that can be set at different levels are not exactly the same. If the level is changed, it needs to be modified on this page.



Click it

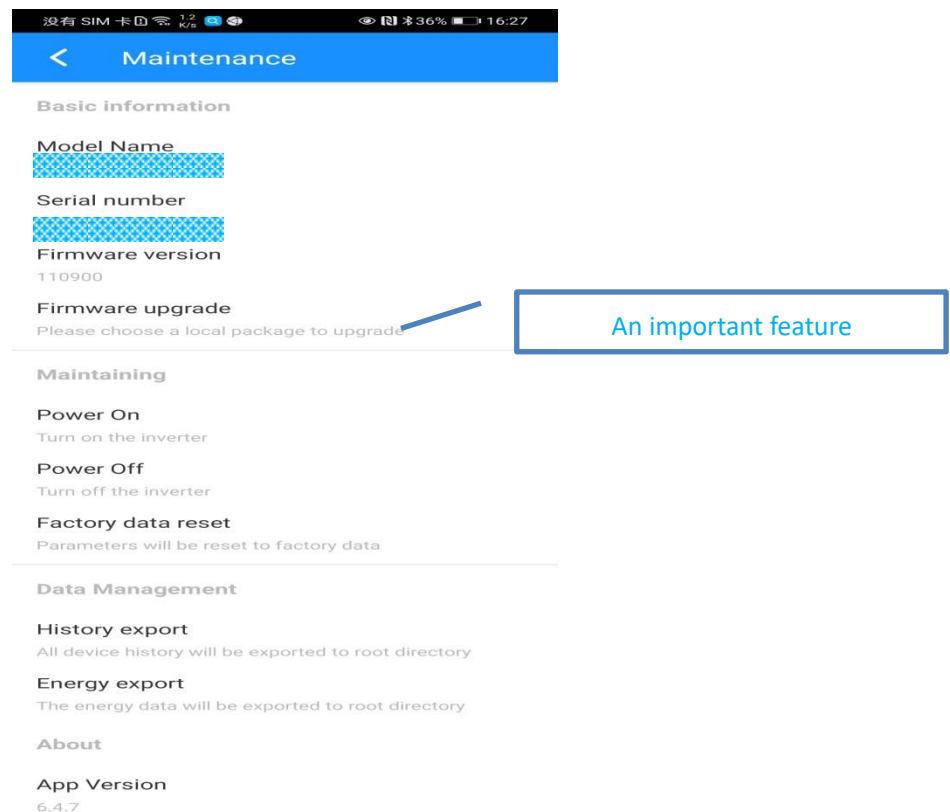


Click it

A screenshot of a mobile application's administrator login screen. The screen has a white background. At the top, there is a text input field with the placeholder text "Enter administrator password" and a small eye icon to its right. Below the input field is a link that says "Administrator password forgotten?". At the bottom, there are two blue buttons with white text: "LOGIN AS ADMINISTRATOR" and "LOGIN AS GUEST". To the right of the input field, there is a blue box with the text "Enter password first". To the right of the "LOGIN AS ADMINISTRATOR" button, there is a blue box with the text "Click to change level".

- 
- Change level: Enter the administrator's password in the input box, and then click the **"LOGIN AS ADMINISTRATOR"** button to modify the permissions.

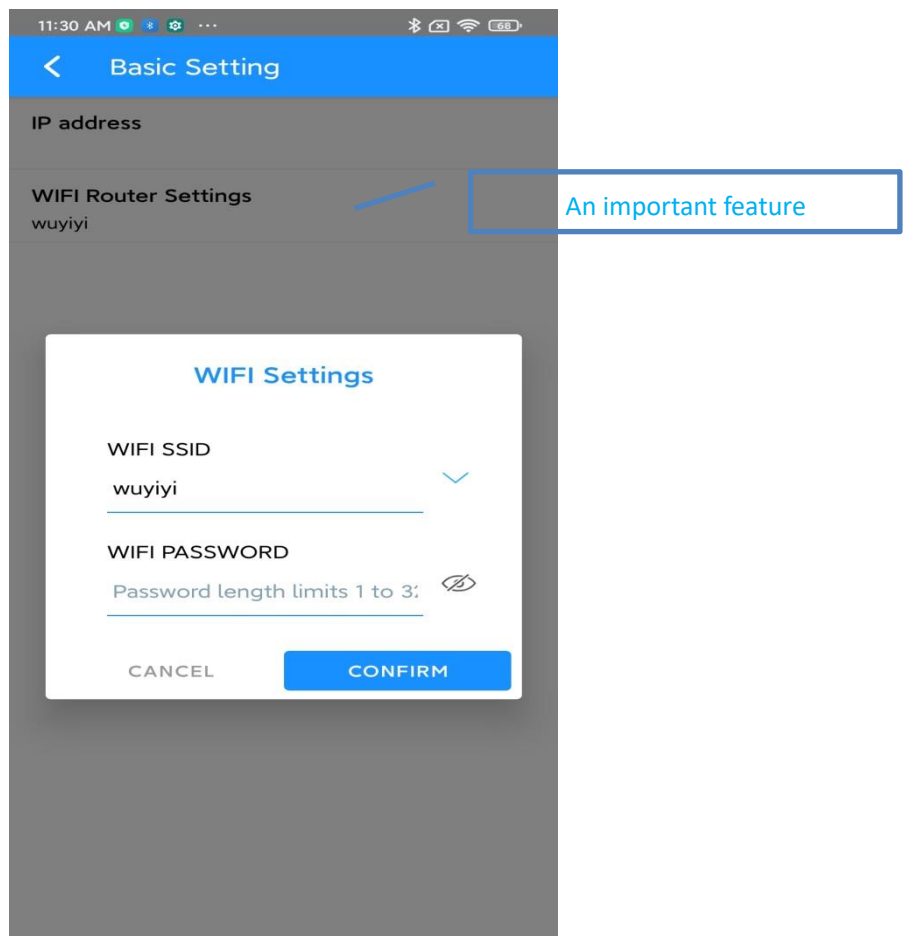
## 5.9.2 Maintenance



- **Basic information:** Display basic information of Inverter. But there is an important operation - Firmware upgrade. Click it at first and then choose the upgrade file in your phone. The next step is to wait for the upgrade process to complete
- **Maintaining:** Operate on inverter.
- **Data Management:** Click the corresponding field to export the data you want to view.
- **About:** It displays APP version information .

### 5.9.3 Communication Setting

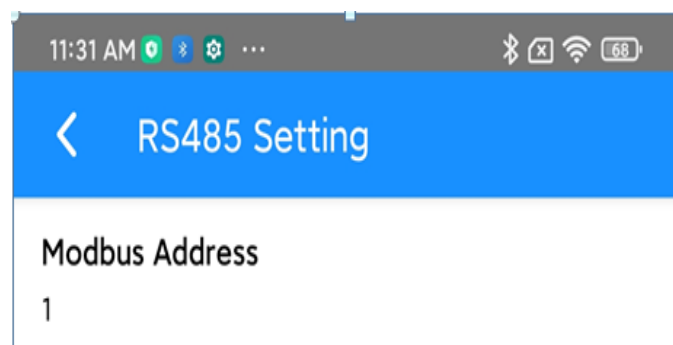
#### (1) Basic Setting



It shows the features parameter.

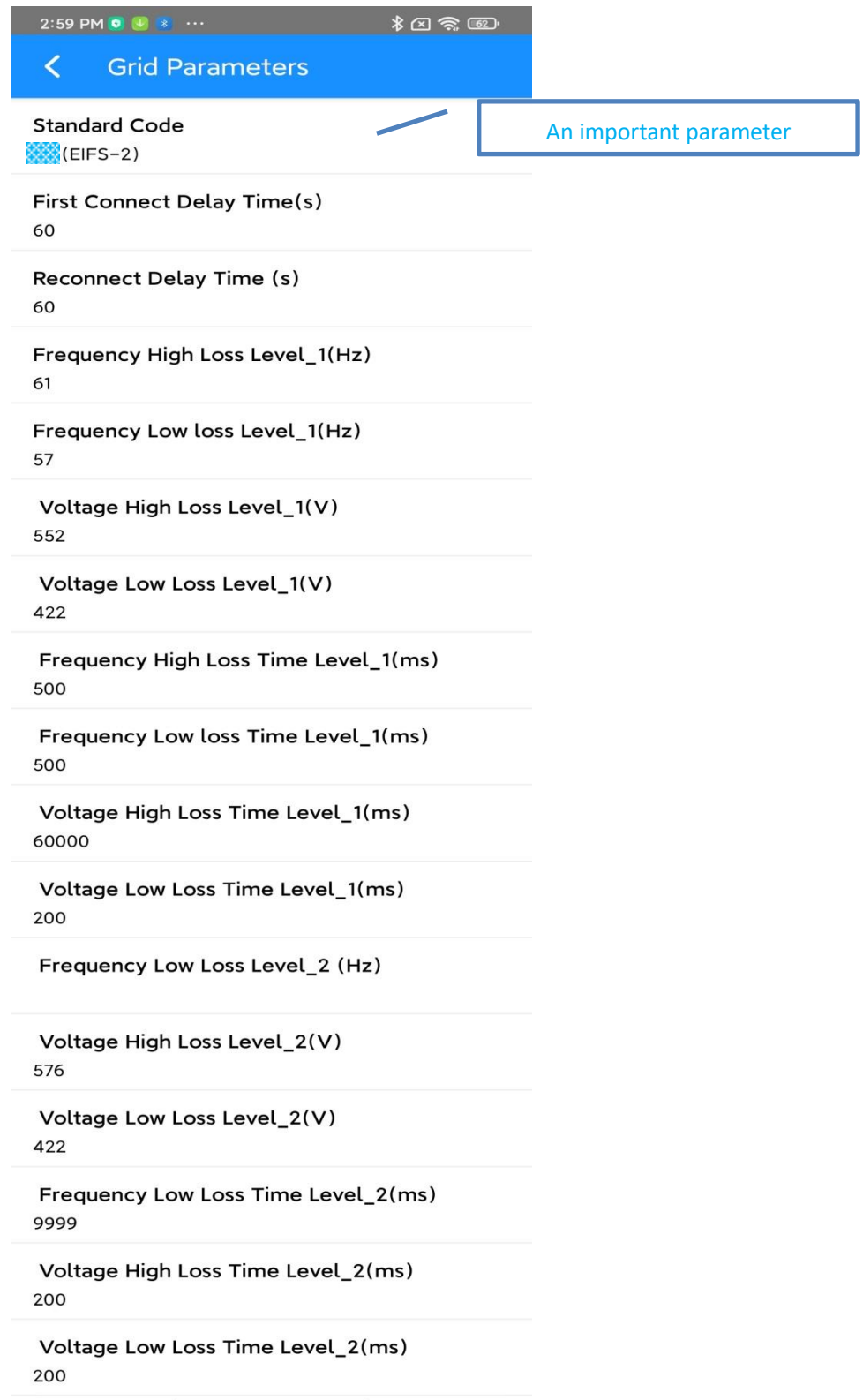
- IP address: It will show IP address.
- WIFI Router Settings: WLAN Connection. Through this function, the inverter and router can be connected.

#### (2) RS485 Setting



- Modbus Address: It can show and set Modbus address.

#### 5.9.4 Grid Parameters



It shows Grid parameter. All parameters on this page can be modified by clicking.

- Standard Code: Click to select different code.
- Other Parameters: Click to enter what you want to set .

### 5.9.5 Feature Parameters

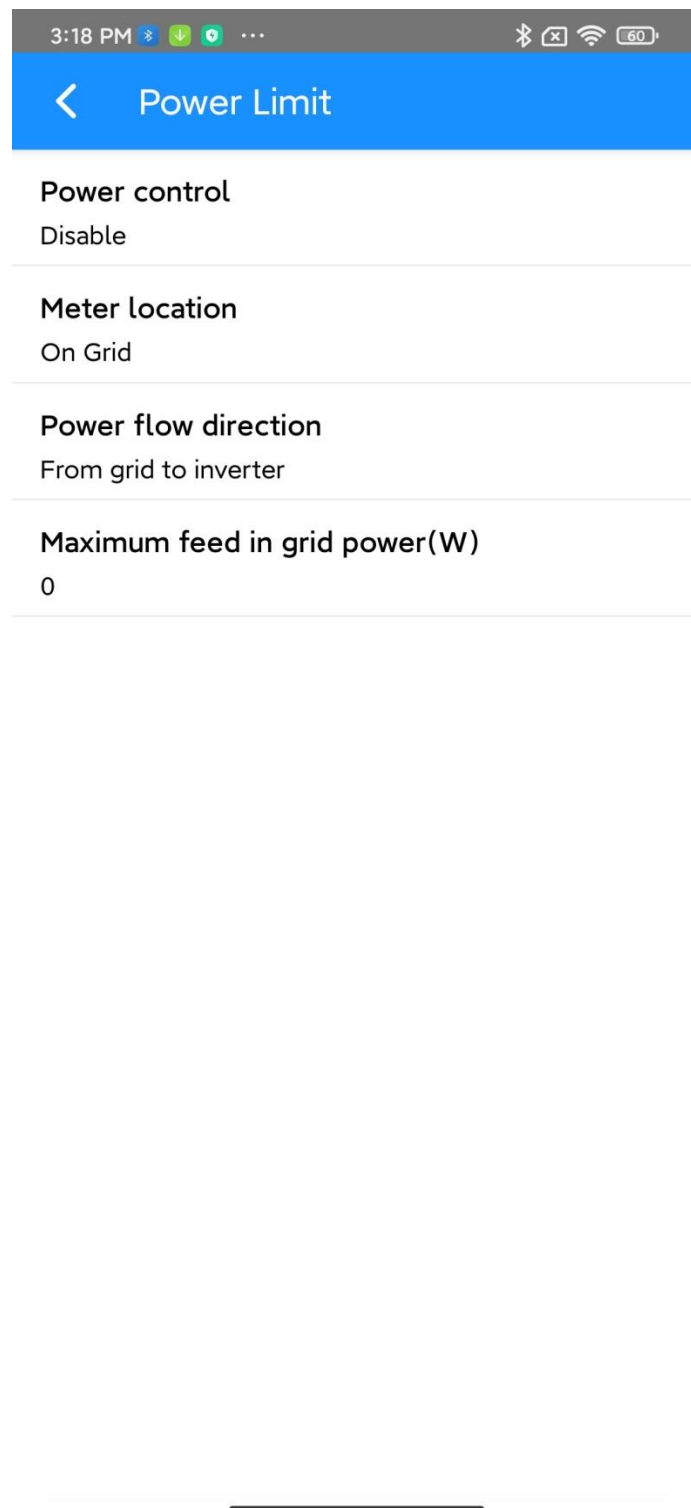
3:18 PM [Bluetooth] [Download] [Messages] [More] [Bluetooth] [Wi-Fi] [60%]

## < Feature Parameters

Low Voltage Through	<input type="checkbox"/>
Island Detection	<input checked="" type="checkbox"/>
Isolation Detection	<input checked="" type="checkbox"/>
Leakage Current Detection	<input checked="" type="checkbox"/>
Reactive Power (%)	0
Derated Power(%)	100
Power Factor	0.90
Insulation Impedance(kΩ)	100
Leakage Current Point(mA)	300
Unbalanced Voltage Point(%)	35
Moving Average Voltage Limit(V)	999

It shows Feature parameter. All parameters on this page can be modified by clicking.

### 5.9.6 Power Limit



It shows Power Limit. All parameters on this page can be modified by clicking.

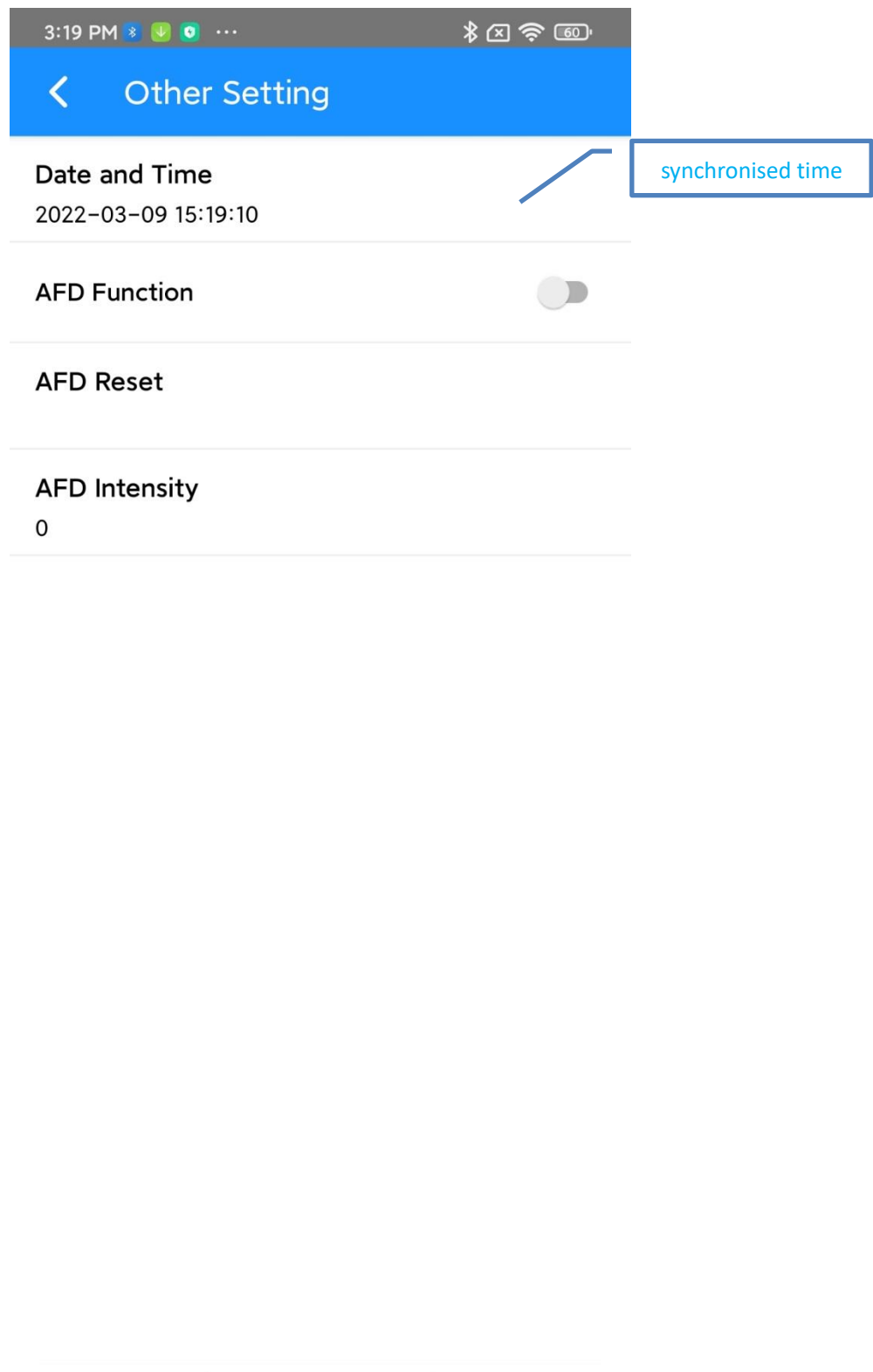


### 5.9.7 Reactive Power Control



It shows Reactive Power Control. All parameters on this page can be modified by clicking.

### 5.9.8 Other Setting



It shows Other Setting. All parameters on this page can be modified by clicking.

### 5.9.9 Hybrid Setting

HD 4G 4G 1 K/s 48% 4:17

< Hybrid Setting

Hybrid work mode

Feed-in priority mode

Battery type selection

PYLON Lithium-ion

Comm. Address

1

Maximum charger power(W)

2000

Capacity of charger end(%)

100

Maximum discharger power(W)

5000

Capacity of discharger end(%)

10

EPS charge

☒

Rated output voltage(V)

220V

Off-grid start-up battery capacity (%)

30

GEN Port

Smart Load Output

Minimum PV power of Smart Load On(W)

4000

Battery SOC of Smart Load On(%)

90

Battery SOC of Smart Load Off(%)

30

Always On with Grid

☐

This setting page is only available on energy storage devices. On this page, you can configure various parameters of energy storage