APP Configuration

Registration

1. Download the HYXipower APP .
2. Register the account of the organization（Distributor or installer）.

Near-end Commissioning

Phone-Data Communication Stick

1. Configure the inverter system.
2. Connect the inverter system to internet.

Create a Plant

Phone-Internet

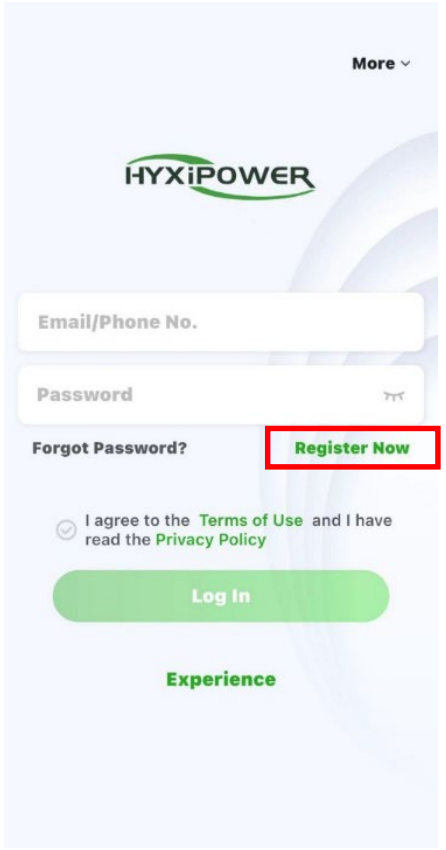
APP Configuration 1 – Download & Registration

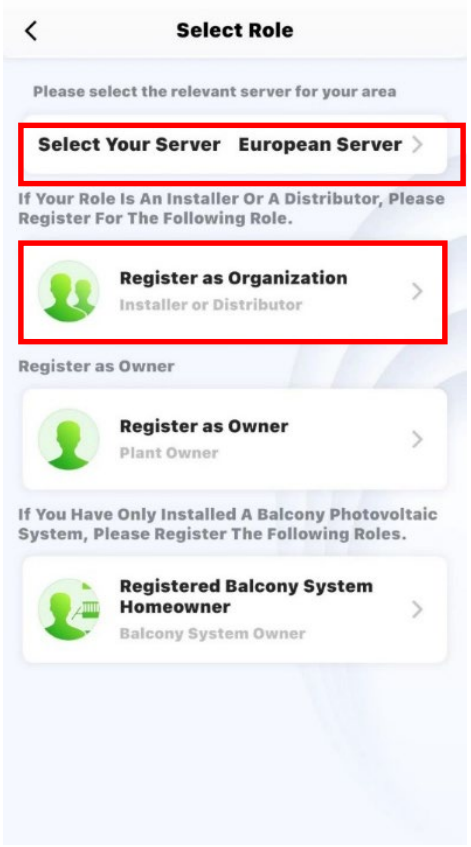
Step 1:

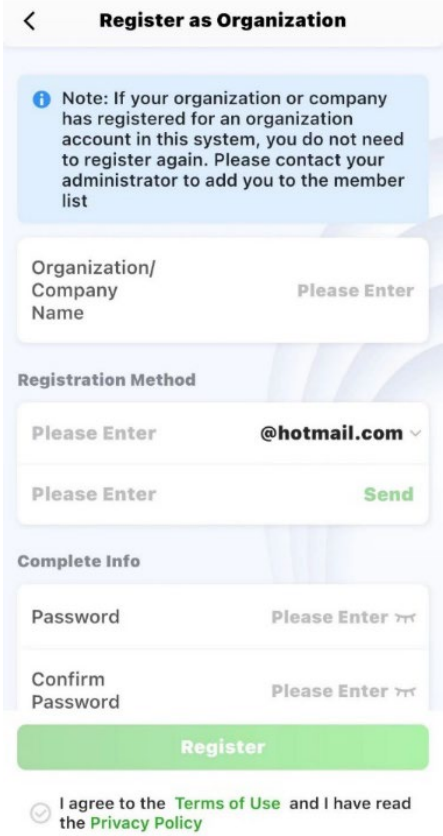
Search “**Hyxipower** " in
APP store
Google play

Video:
webfile.hyxipower.com/soft/20231129/HYXiPOWER-APP_Installer-registration_Ver1.0-20231103.mp4

Step 2 : Register Now - European Server - Register as Organization.







APP Configuration

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Near-end Commissioning

Phone-Data Communication Stick

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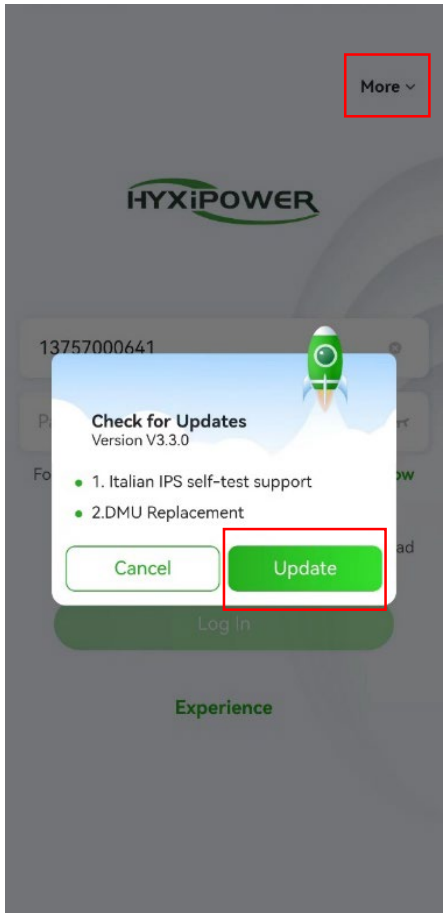
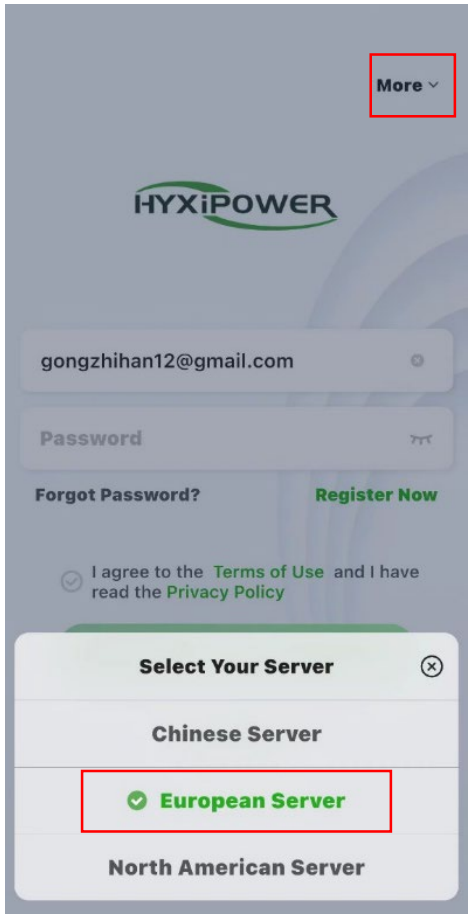
Create a Plant

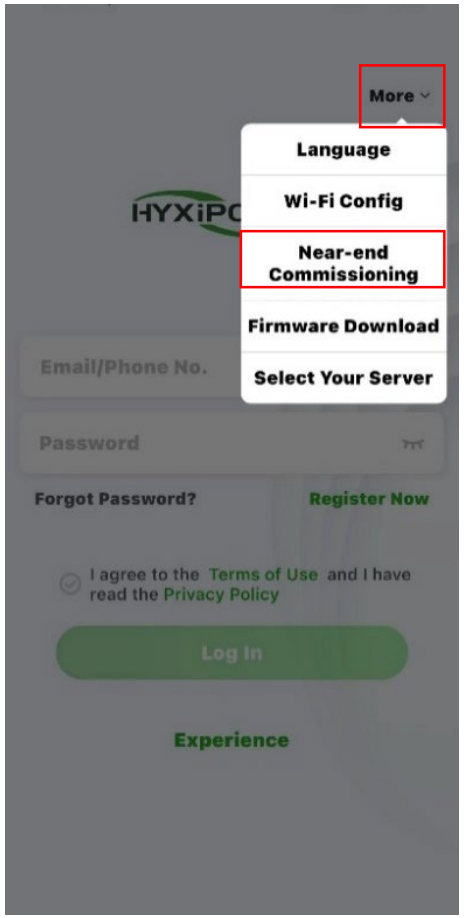
Phone-Internet

APP configuration 2 - Near-end Commissioning

Step 1: Update APP if there’ s a notice.
More – European Server .
More- Near-end Commissioning.
Download the firmware as a backup.

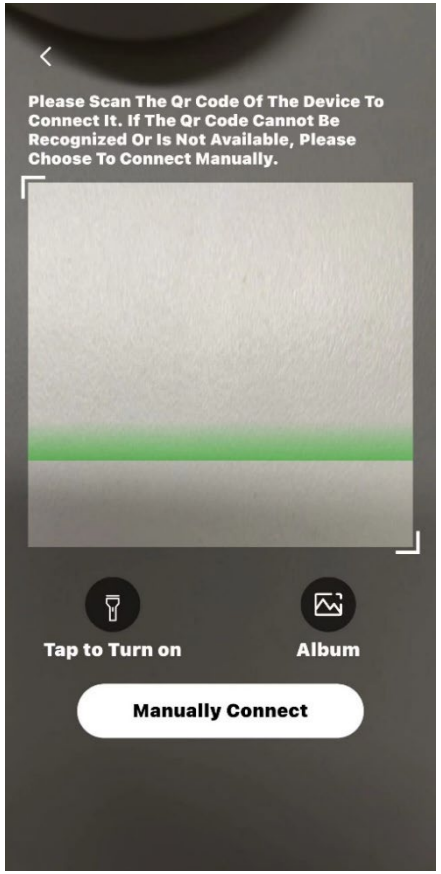


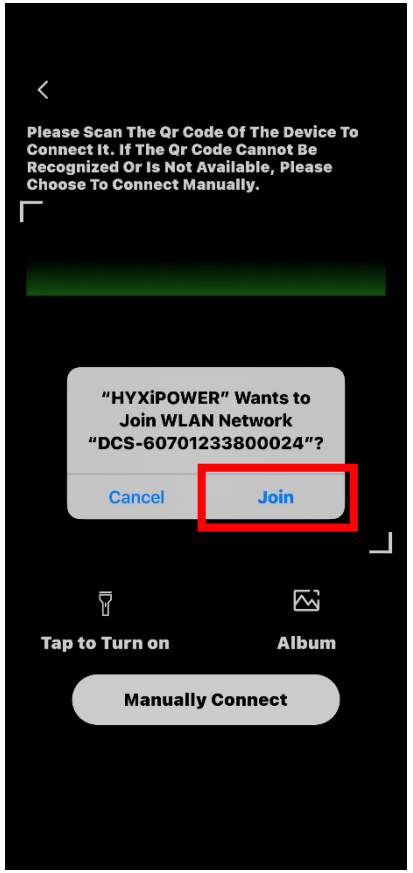




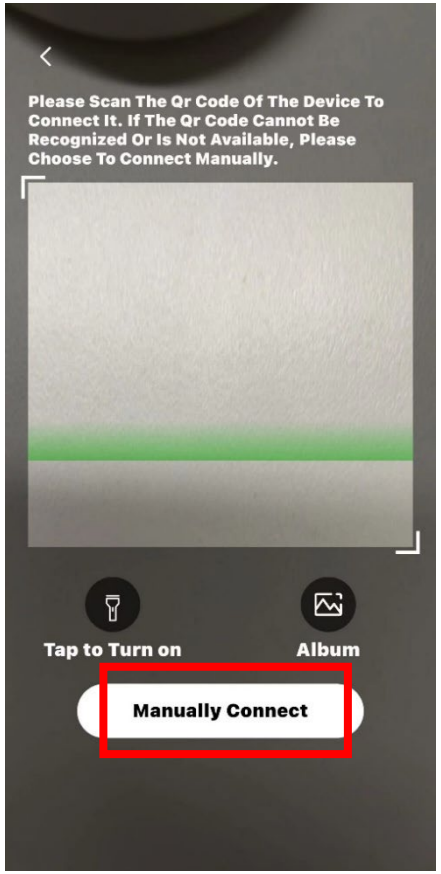
APP configuration 2 - Near-end Commissioning

Step 2 : **Scan** DCS QR code ,
Join wireless network **DCS-XXXXXXXXXXXX** .





If the scanned barcode cannot be recognized,
You can also choose **to connect manually** .



APP configuration 2 - Near-end Commissioning

IOS

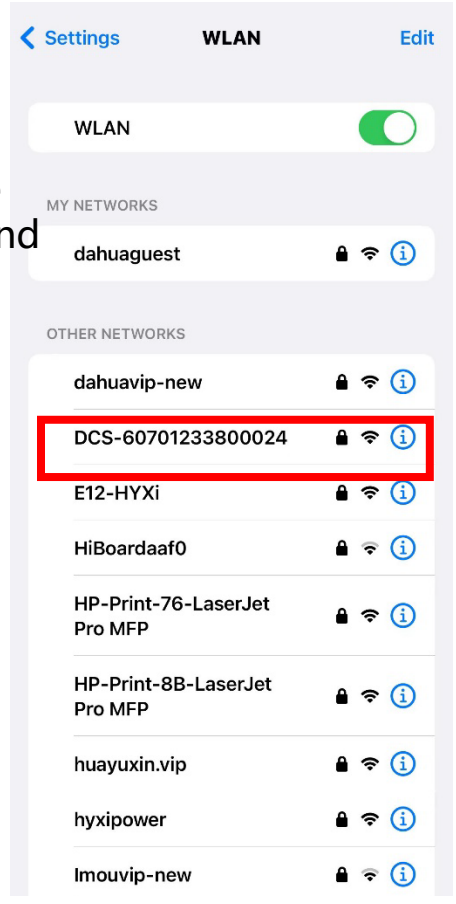
Find the WIFI in settings of phone starting with DCS and connect: DCS-XXXXXXXXXXXX,
Password is **hyxi0607** or **12345678**, after connected, **return** to the "Hyxipower" APP and select **Next**.

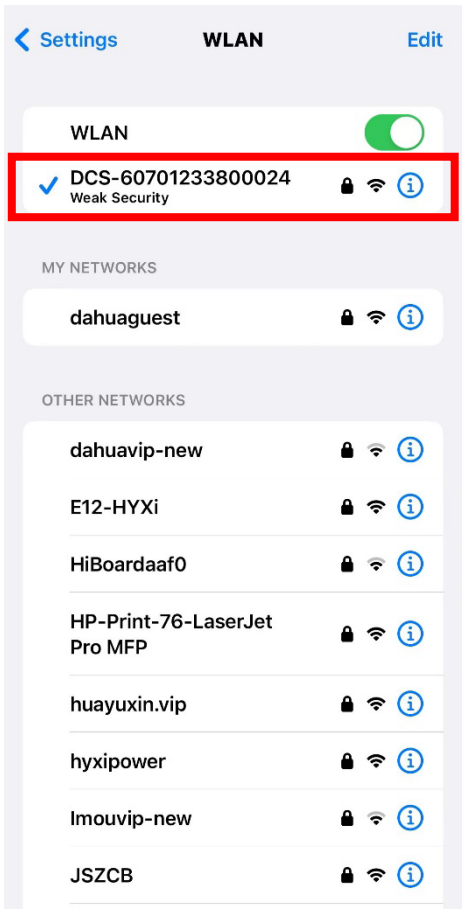
APP

Keep the APP running in the background and enter the WiFi settings page **manually**.

Enter the WiFi password.

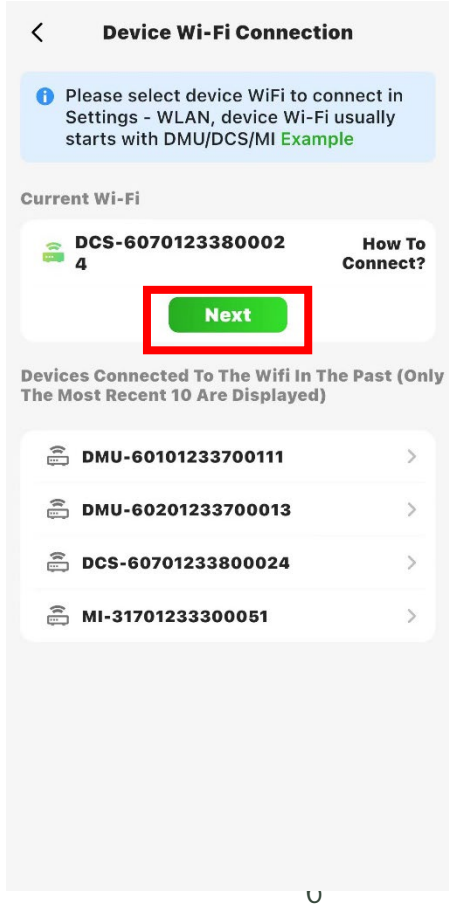
WIFI setting interface





Then return to the APP.

APP

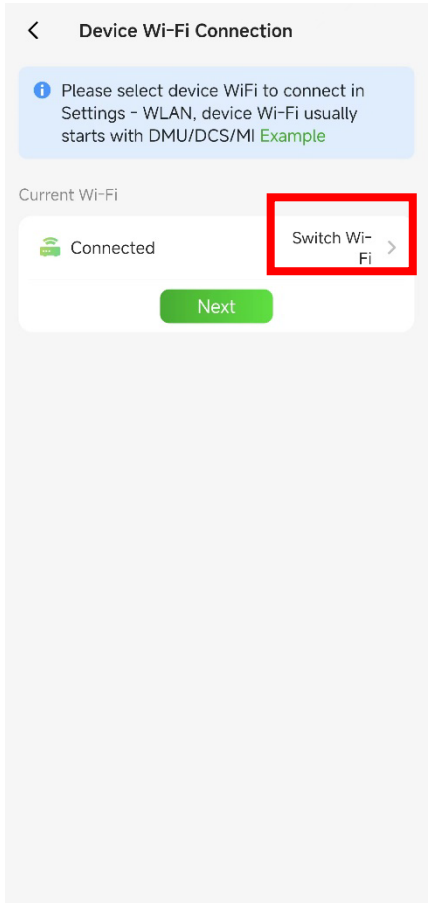


APP configuration 2 - Near-end Commissioning

Android system :

Find the WIFI in settings of phone starting with DCS and connect: DCS-XXXXXXXXXXXX;
Password is **hyxi0607** or **12345678**, after connected, **return** to the "Hyxipower" APP and select **Next**.

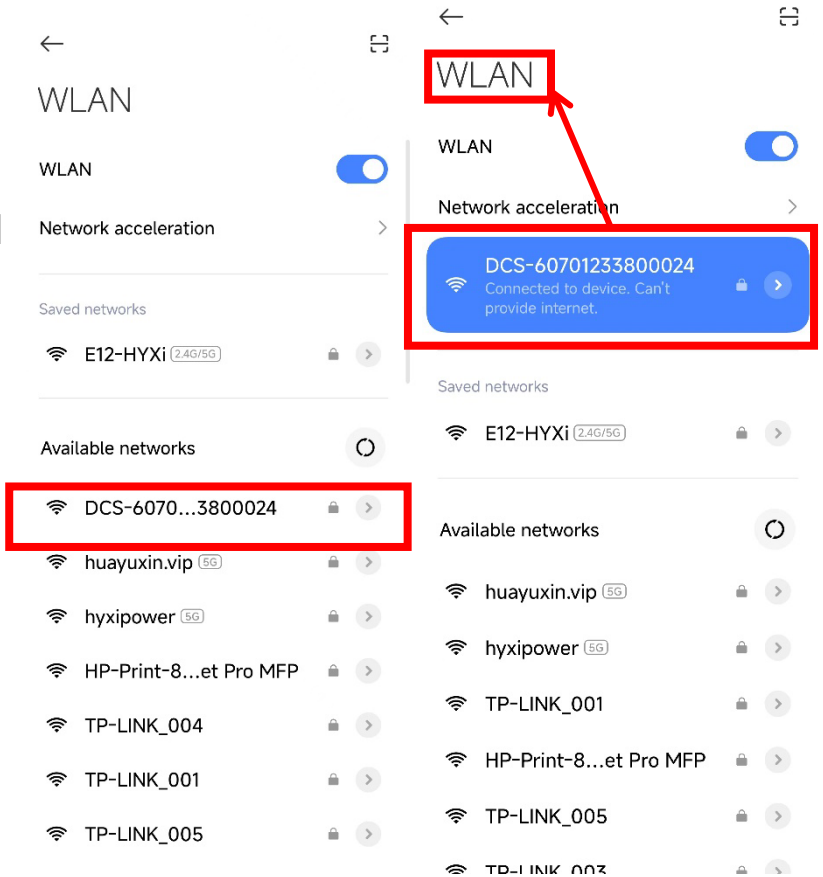
APP



Keep the APP running in the background and enter the WiFi settings page **manually**.

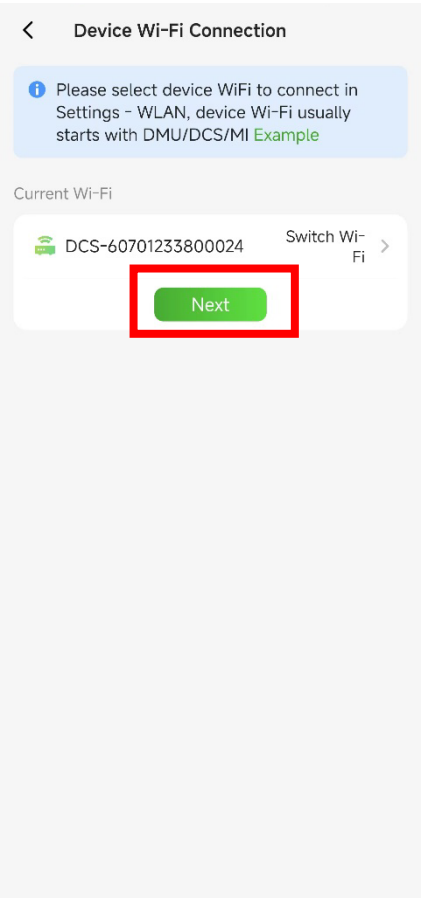
Enter the WiFi password.

WIFI setting interface

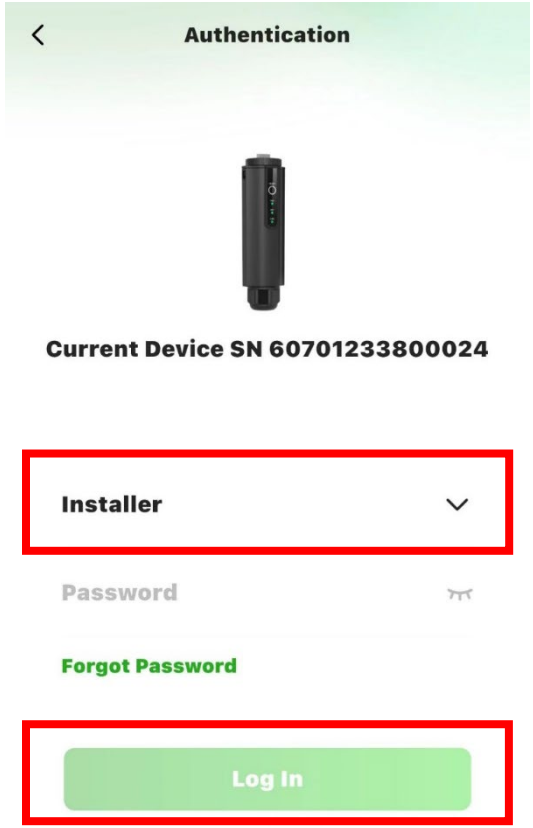


Then return to the APP.

APP



APP Configuration 2 - Near-end Commissioning

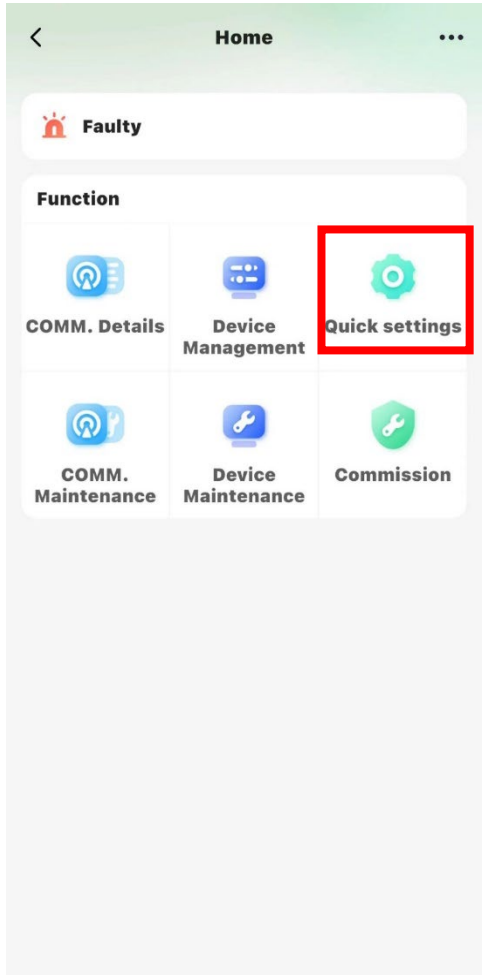


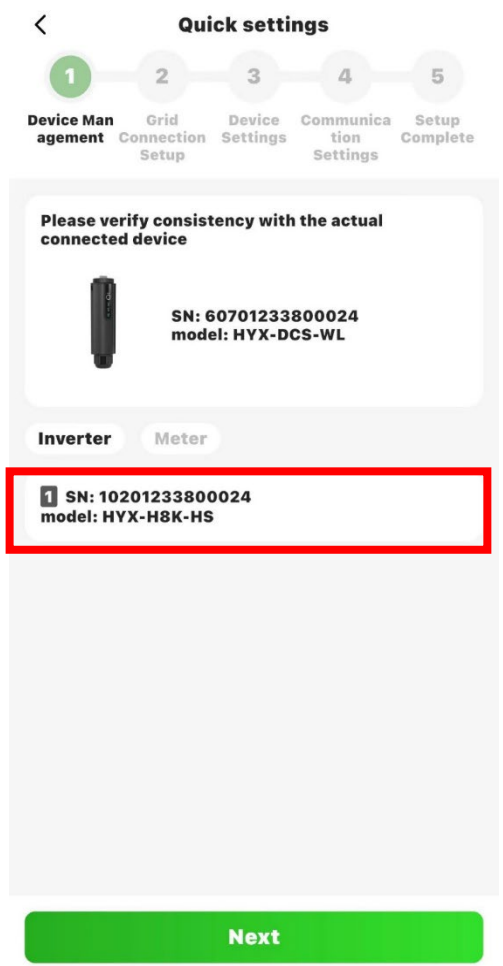
Step 3 : Device login, initial password: **hyxi0607**. (If the password is incorrect, please try **12345678**) Log in and change the password, then save. (Record the new password. If you forget the password next time, you can **quickly press the DCS RESET button 4 times to restore the factory settings**)

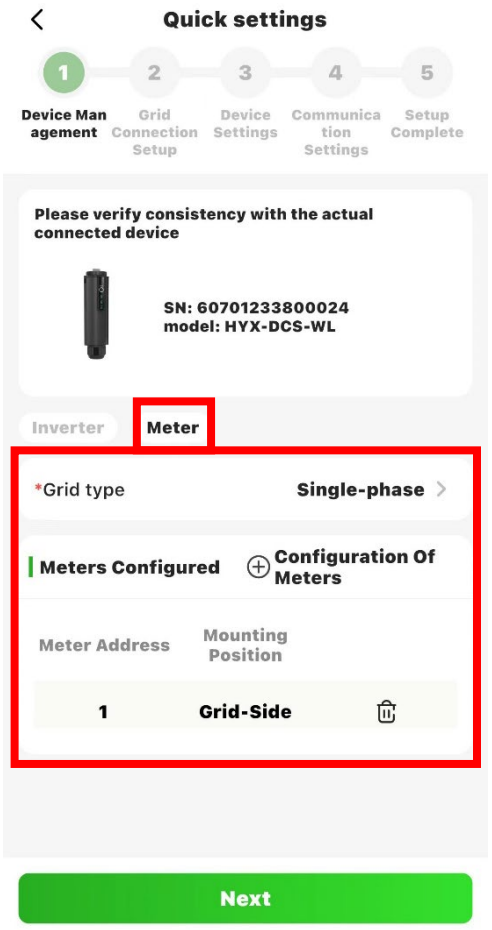
APP Configuration 2 - Near-end Commissioning

Step 4 : Quick Settings - **Device Management** , confirm **the SN of** DCS and Inverter and **the meter configuration.**

Default setting of meter :Grid type : Single-phase; Number: 1; Address :1; Mounting Position: Grid-side.



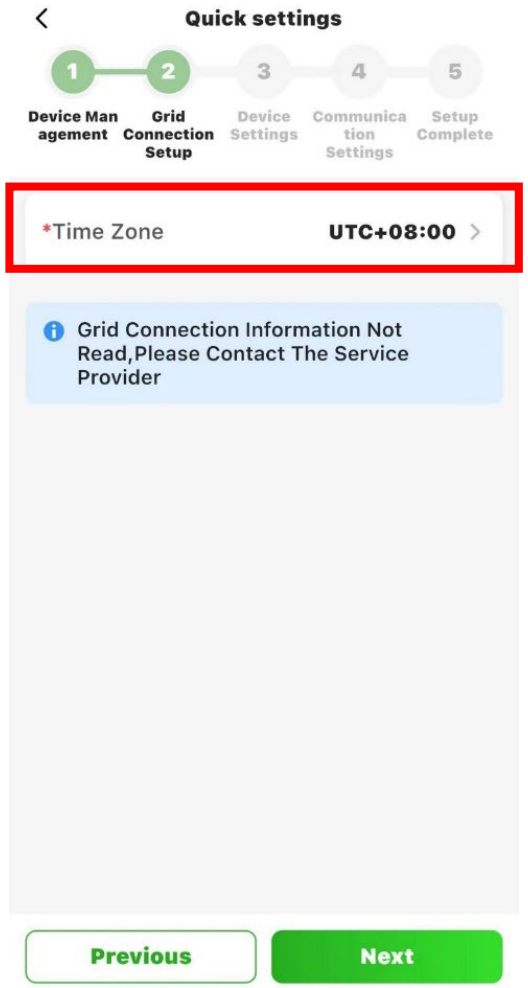




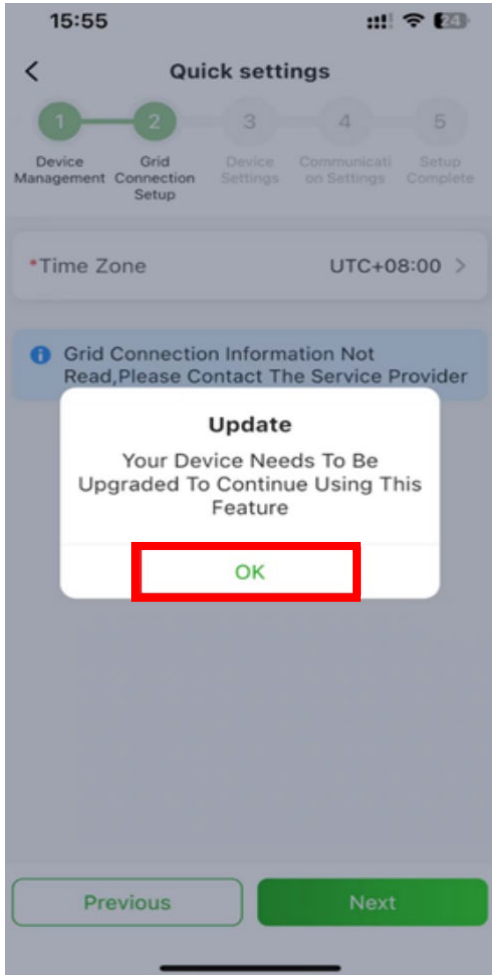
APP Configuration 2 - Near-end Commissioning

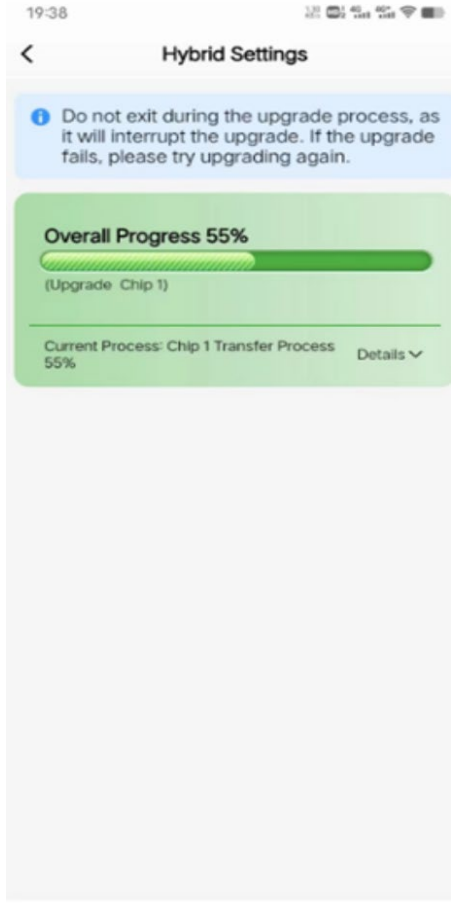
Step 5 : Grid connection settings, select your **time zone.**

If the the system firmware version is not the latest, to ensure normal running, APP will remind you to click OK to upgrade. It will take 10 minutes. This is mandatory and must be done.



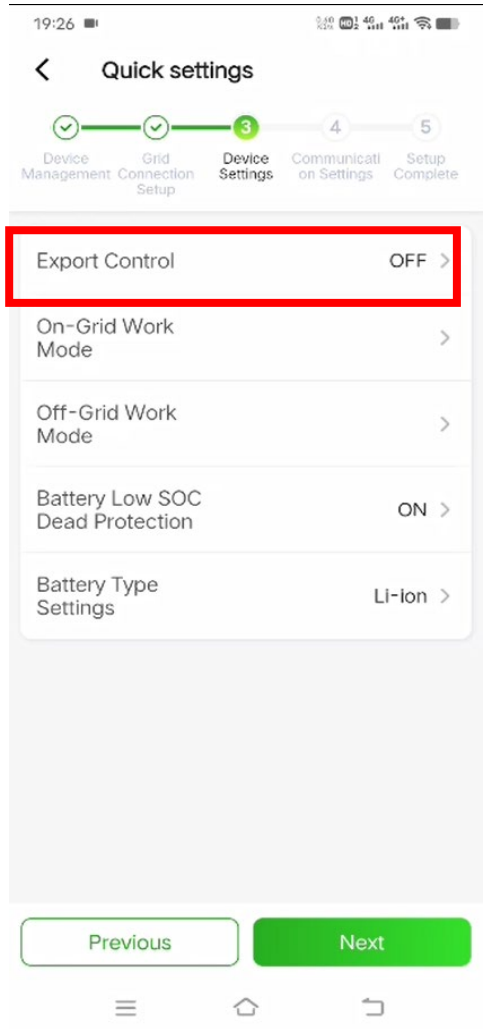
1.If the firmware version is low, then APP can’ t read the grid information.
In this case, the inverter uses the EN50549 connection protection by default.
2.After the inverter is upgraded, could choose:
Netherlands: Netherlands;
Germany: VDE-AR-N-4105;
Italy: CEI-021

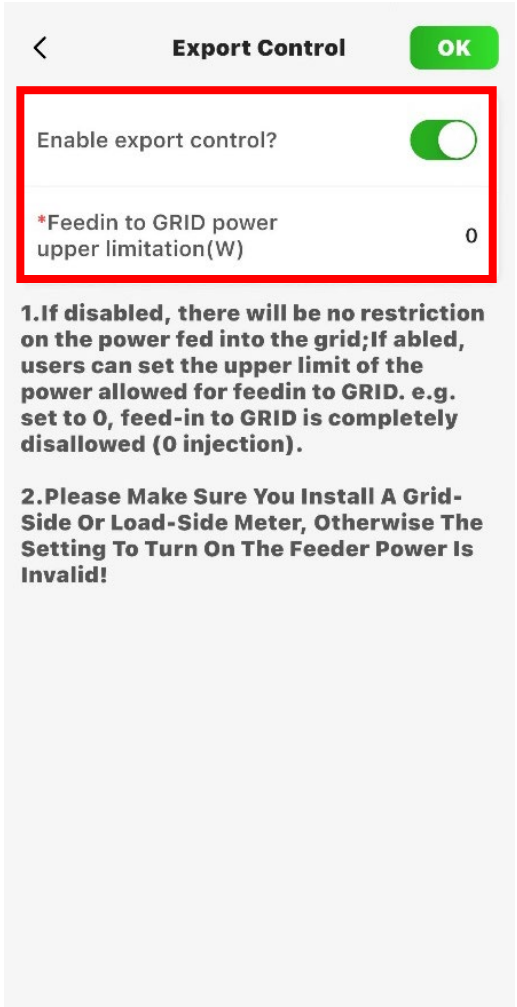


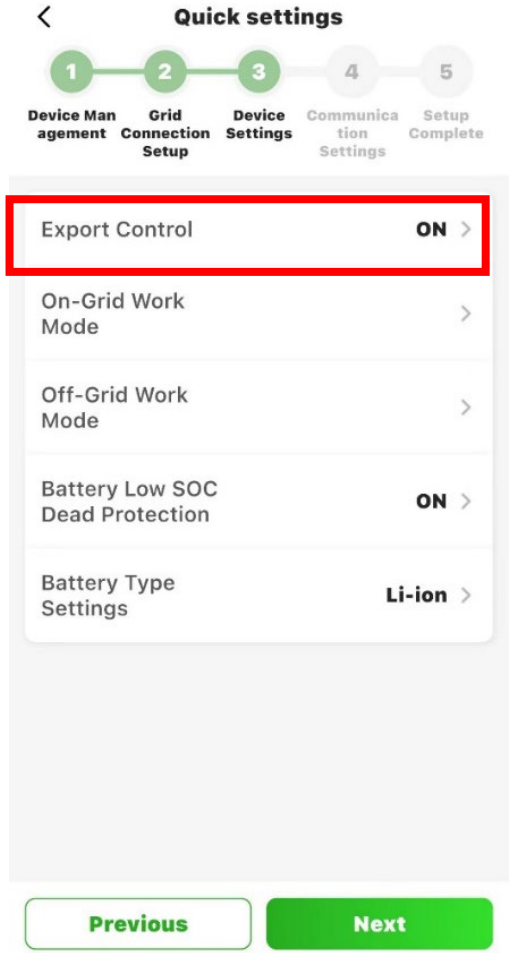


APP Configuration 2 - Near-end Commissioning

Step 6 : Export Control – Suggested settings: **Enable export control ,Feedin to GRID power upper limitation(w): 0 (If there is a need to inject into the grid, set the corresponding power value)**

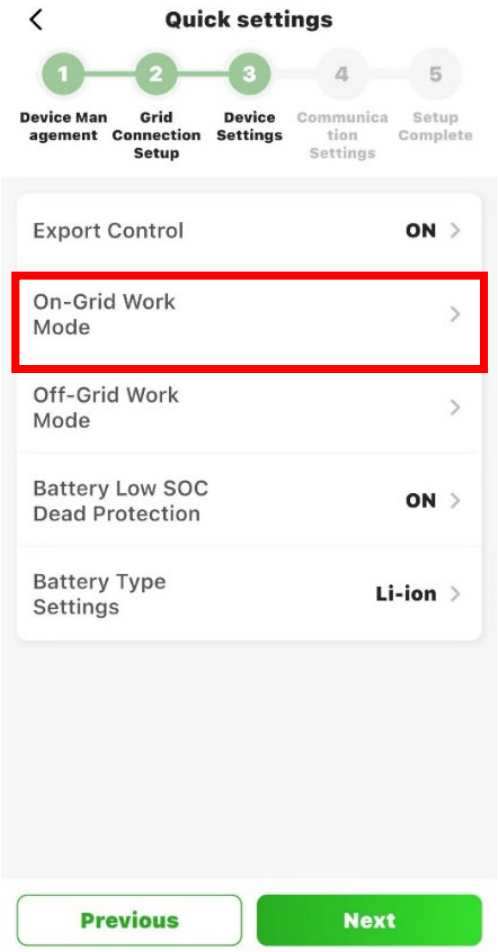


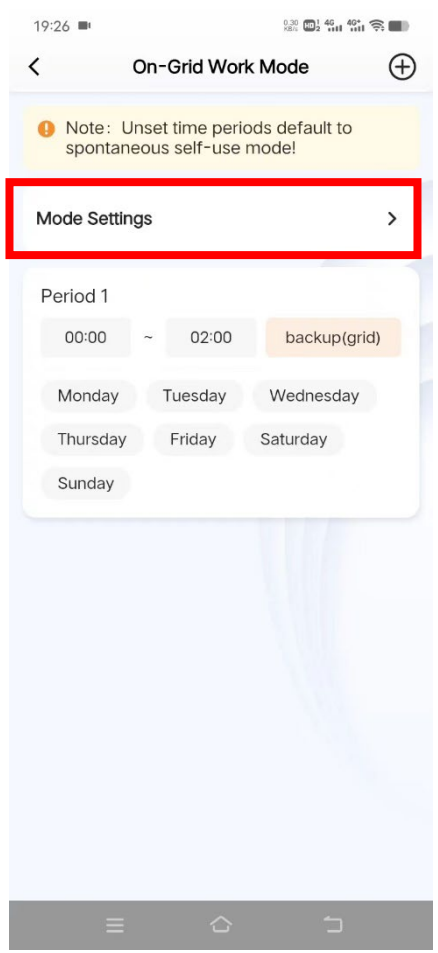


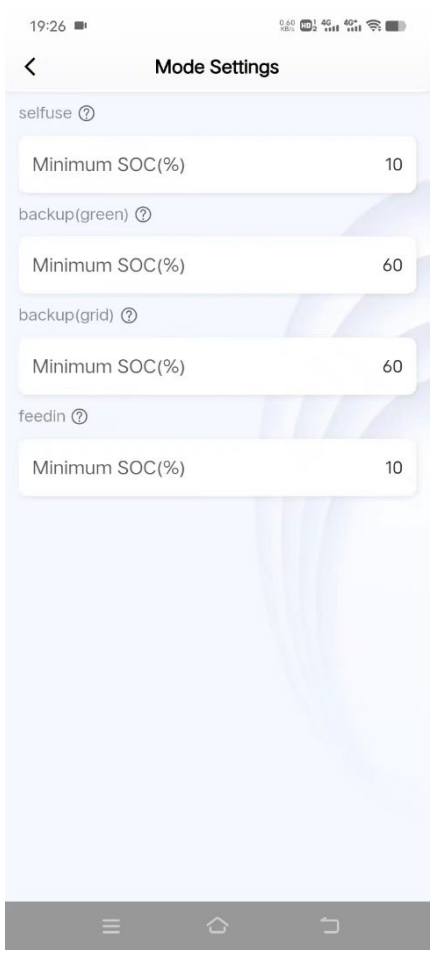


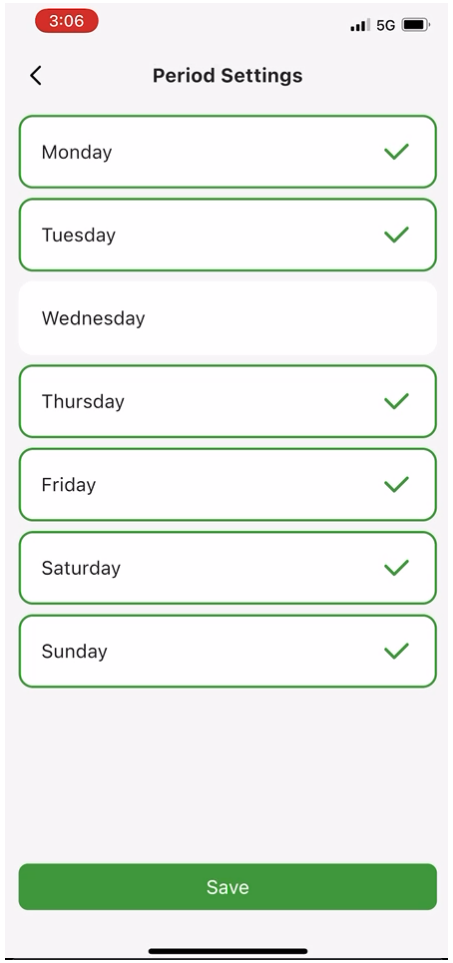
APP Configuration 2 - Near-end Commissioning

Step 7: On-Grid Work Mode-Mode settings-The minimum SOC of the battery in the work modes.
Loop settings : Set specific work days and work modes for specific periods of the day.
The default mode is 7 days and 24 hours Self Use mode.
If there’ s PV panel in the system, suggested to keep the default setting.



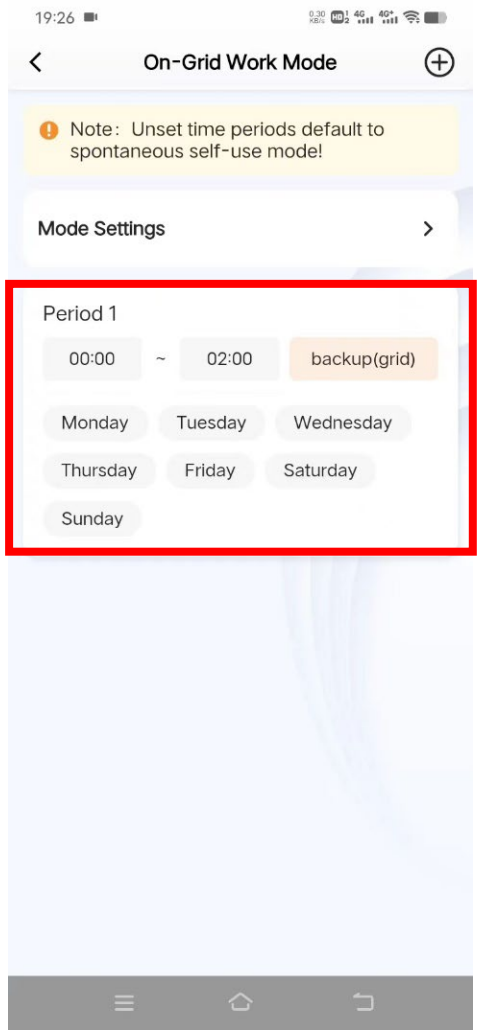






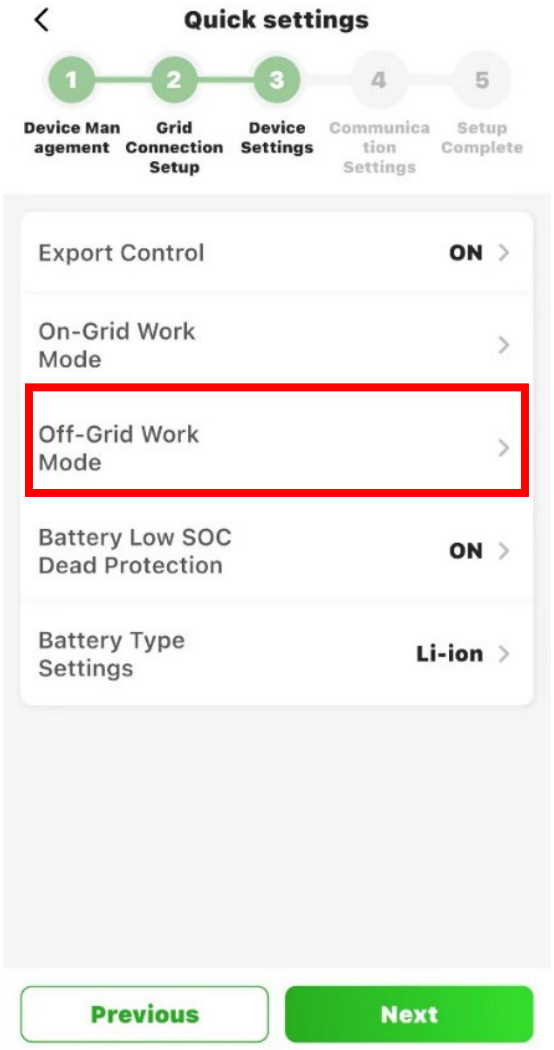
APP Configuration 2 - Near-end Commissioning

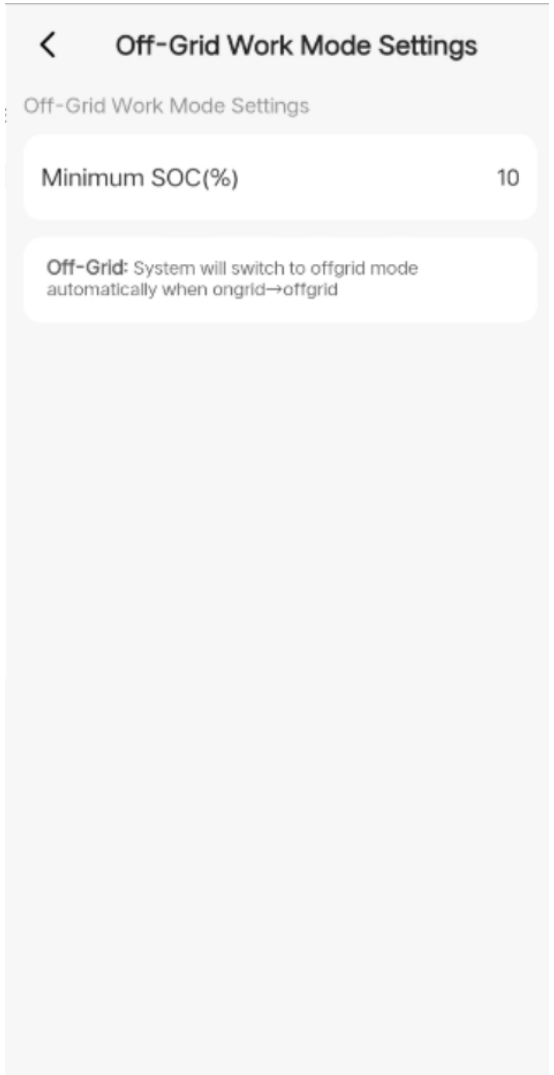
If there is no PV panel in the system ,only battery and inverter, we should
Set the Back Up(Grid) mode for at least 2 hours per day to ensure the grid will charge the battery 2 hours everyday.



APP Configuration 2 - Near-end Commissioning

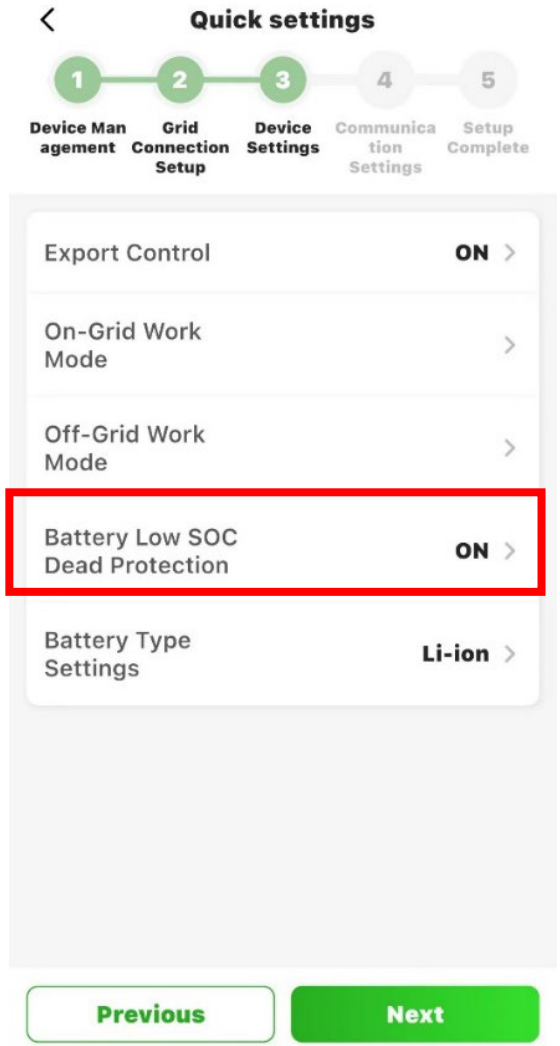
Step 8: Off-Grid Work Mode : When there is no grid voltage in the system, set the minimum value of the battery. Suggested to keep the default setting: 10.

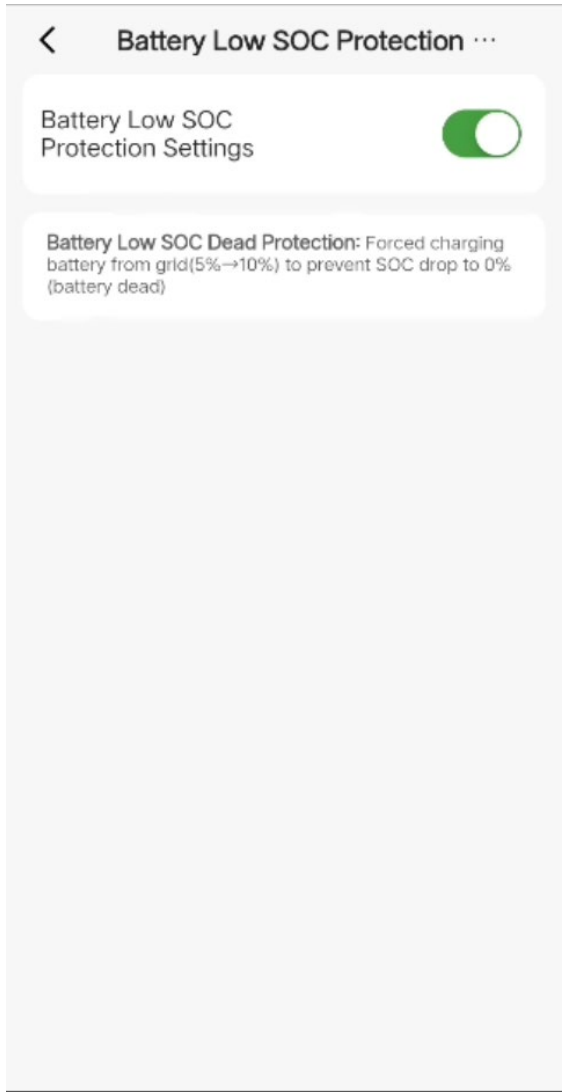


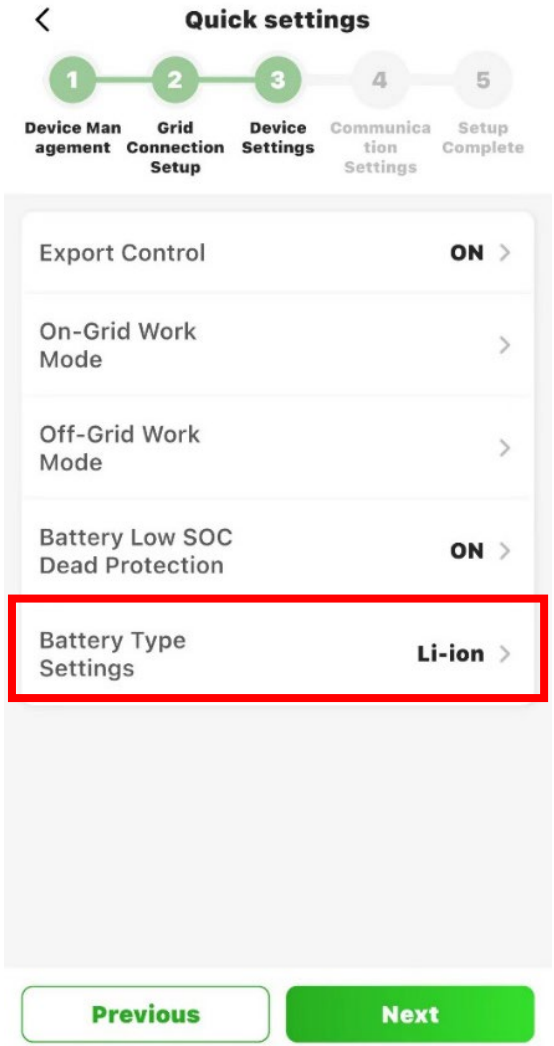


APP Configuration 2 - Near-end Commissioning

Step 9: **Battery Low SOC Dead Protection**: Enable it. System will charge the battery from grid automatically when its SOC reaches 5%; **Battery Type Settings**: Li-ion.





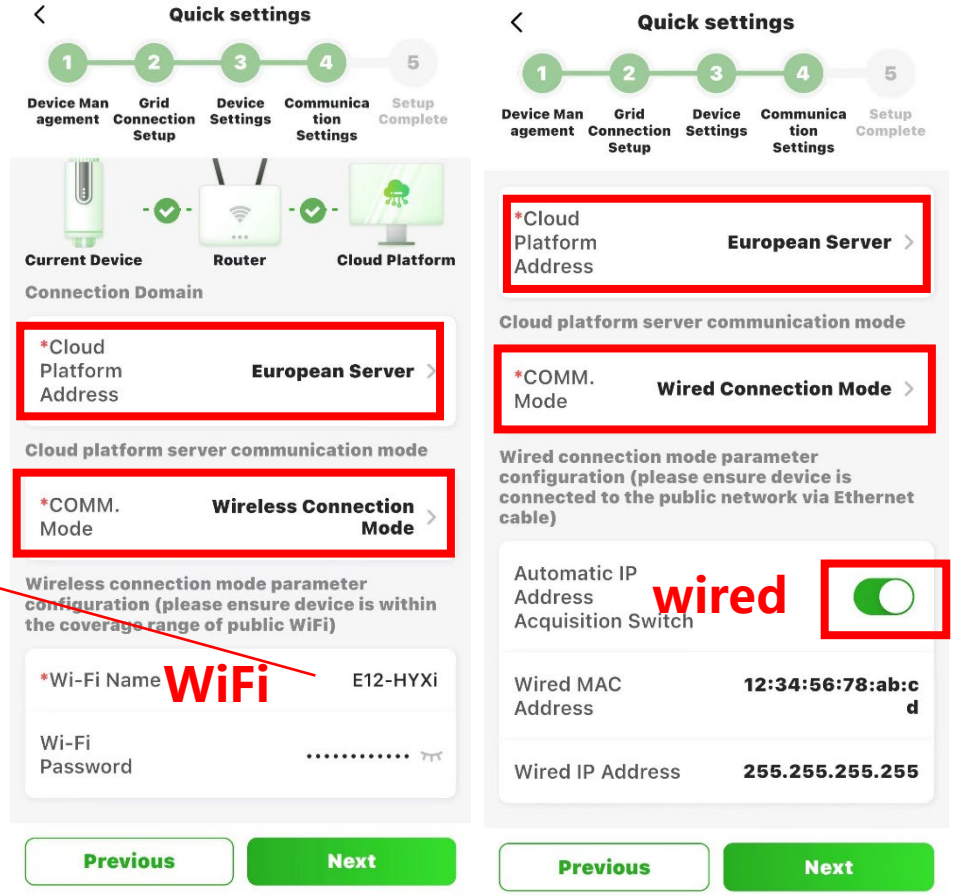


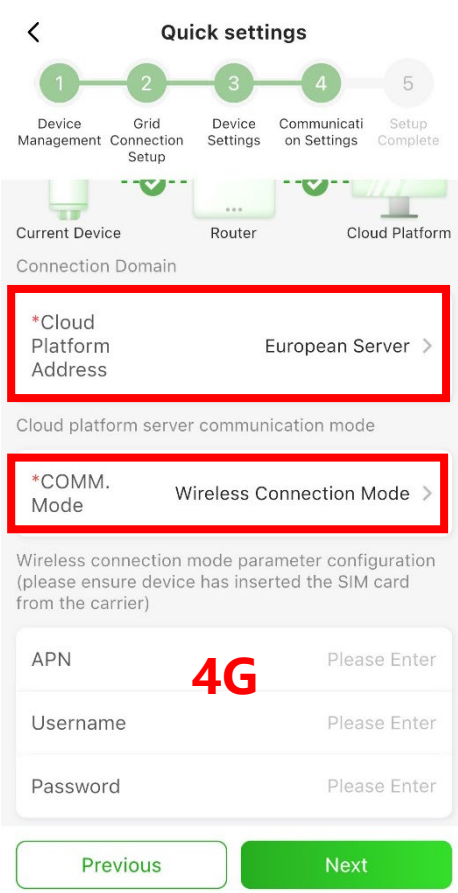
APP Configuration 2 - Near-end Commissioning

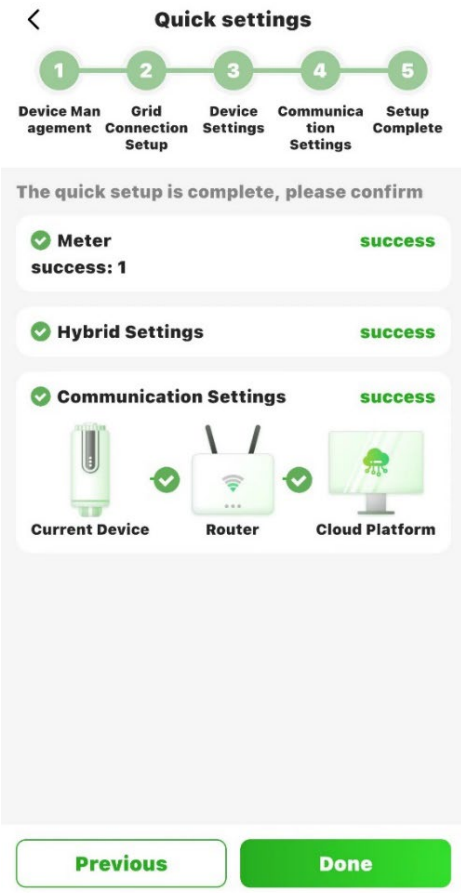
Step 10 : WiFi solution: Choose your local **server**, fill in the **Wi-Fi name and password.**
b. LAN Cable solution: Confirm the automatic IP acquisition switch is **ON** for
c. 4G SIM card version.
If the configuration is successful, exit the APP; If it fails, check the system and configure it again.

Android users can automatically obtain the corresponding wifi name

IOS users need to manually input the WiFi name







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2. Register the account of the organization（Distributor or installer）.

Near-end Commissioning

Phone-Data Communication Stick

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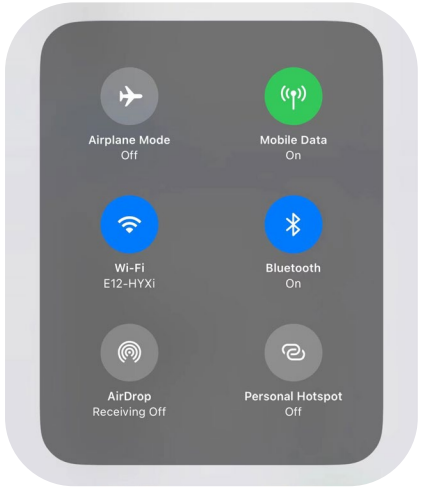
2. Connect the inverter system to internet.

Create a Plant

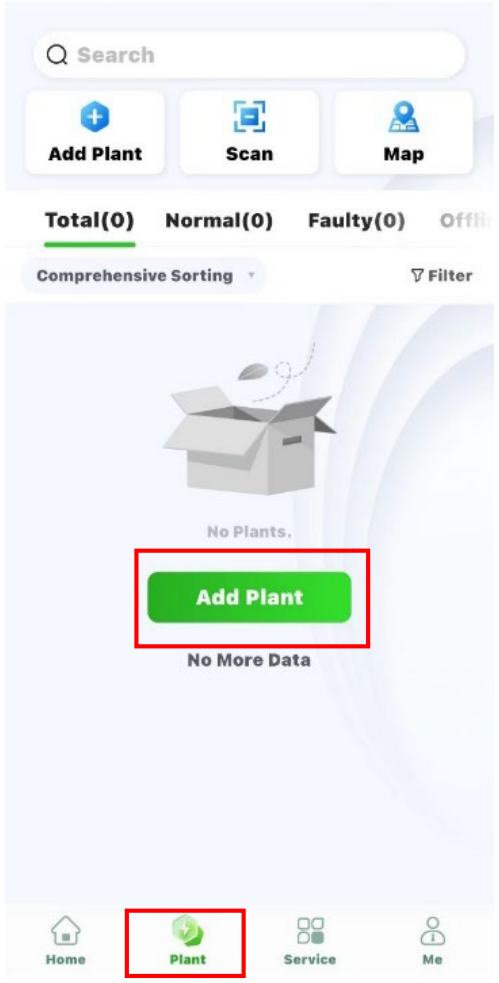
Phone-Internet

APP Configuration-Create Plant for Owner

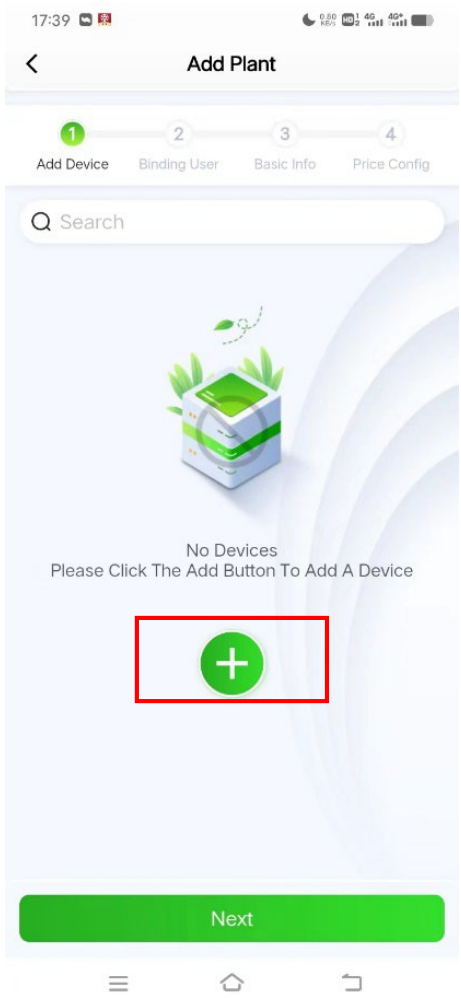
Step 1: Disconnect from the WiFi Microinverter wireless network , select a wireless network that can access the internet normally or use mobile data.

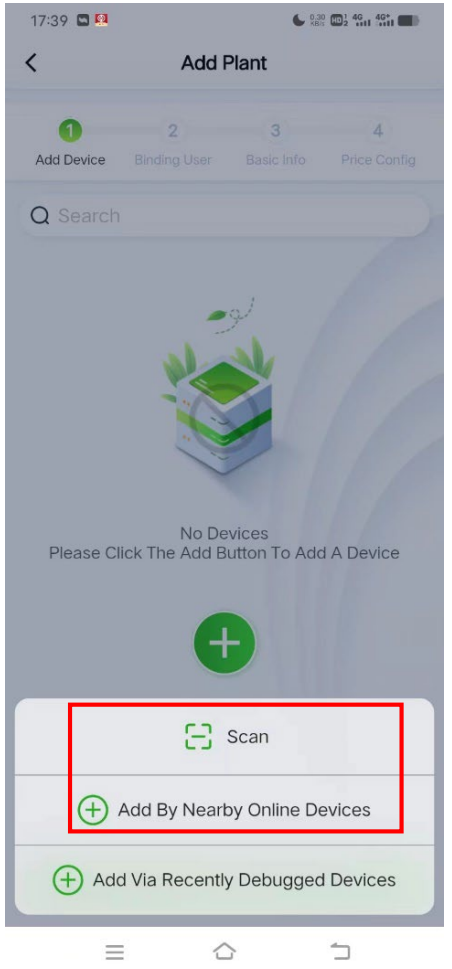


Step 2: Log in your organization account. **Plant-Add Plant**.



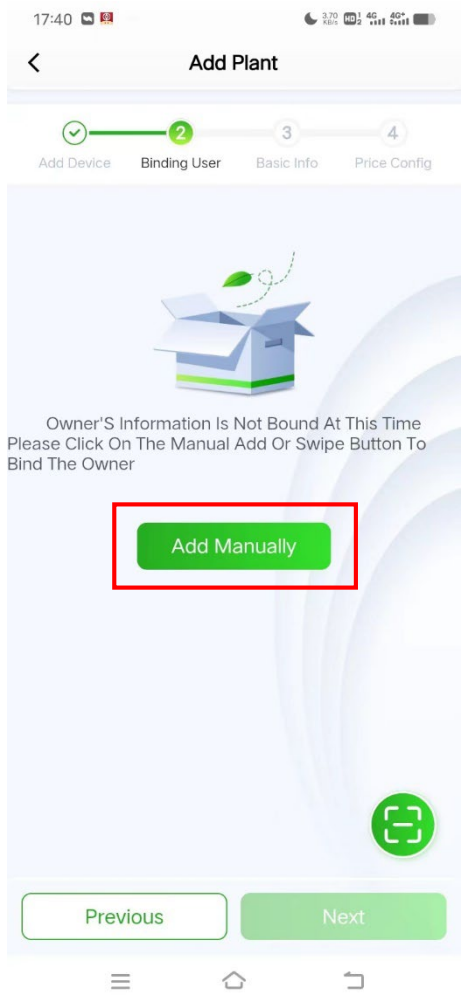
Step 3: Click the plus sign. Could choose: **Scan/Add By Nearby Online Devices**

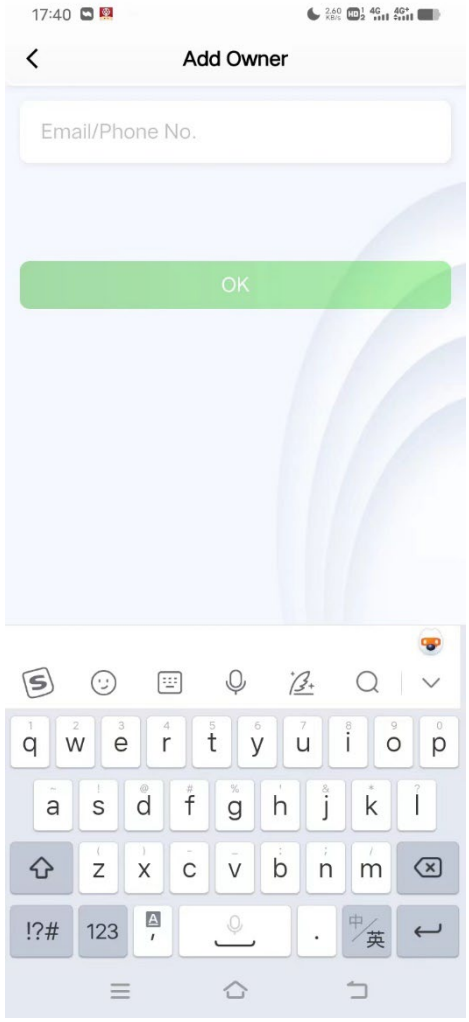


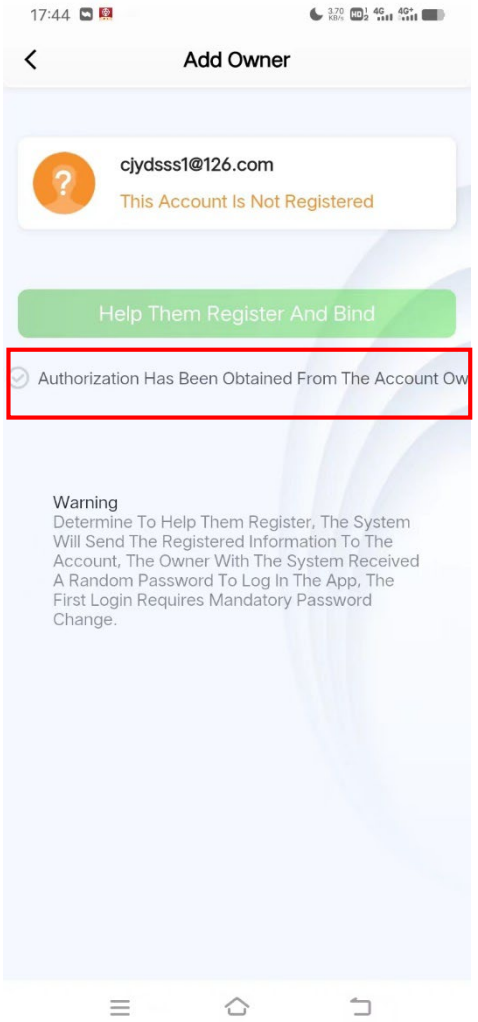


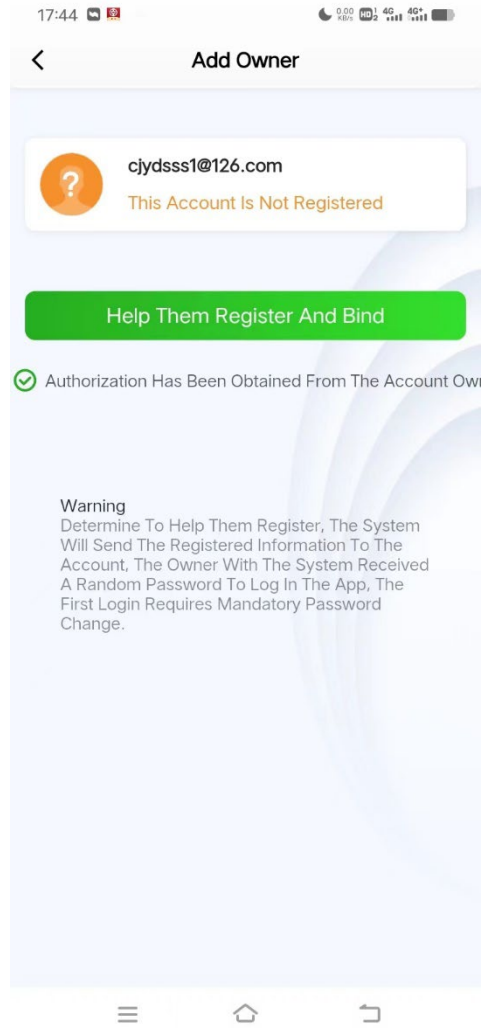
APP Configuration-Create Plant for Owner

Step 4: Binding User. The system will automatically determine whether the mailbox has been registered on the platform.



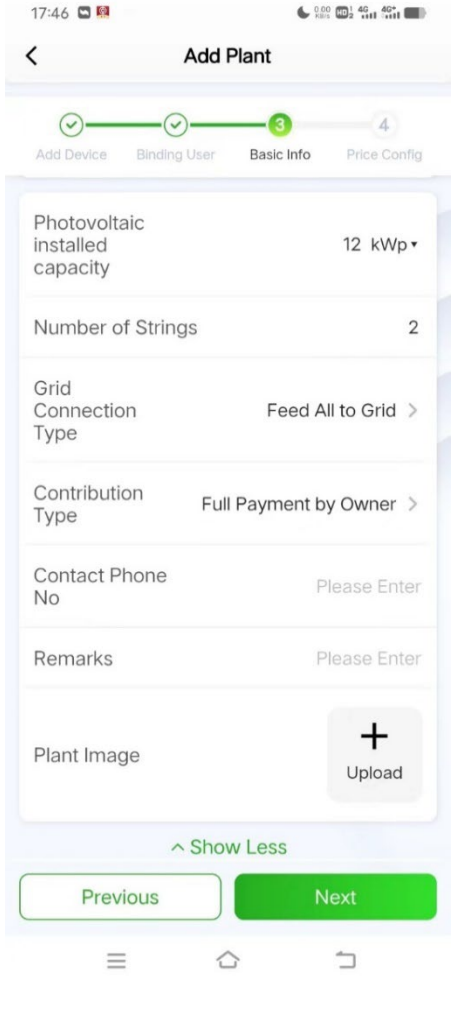




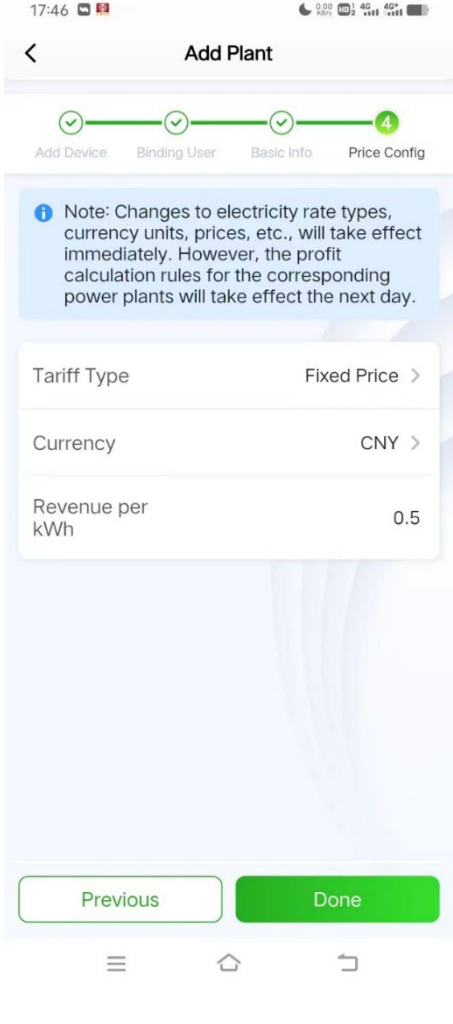


APP Configuration-Create Plant for Owner

Step 5: Basic Info. **Notice: Photovoltaic installed capacity means the capacity of all the PV panels.**

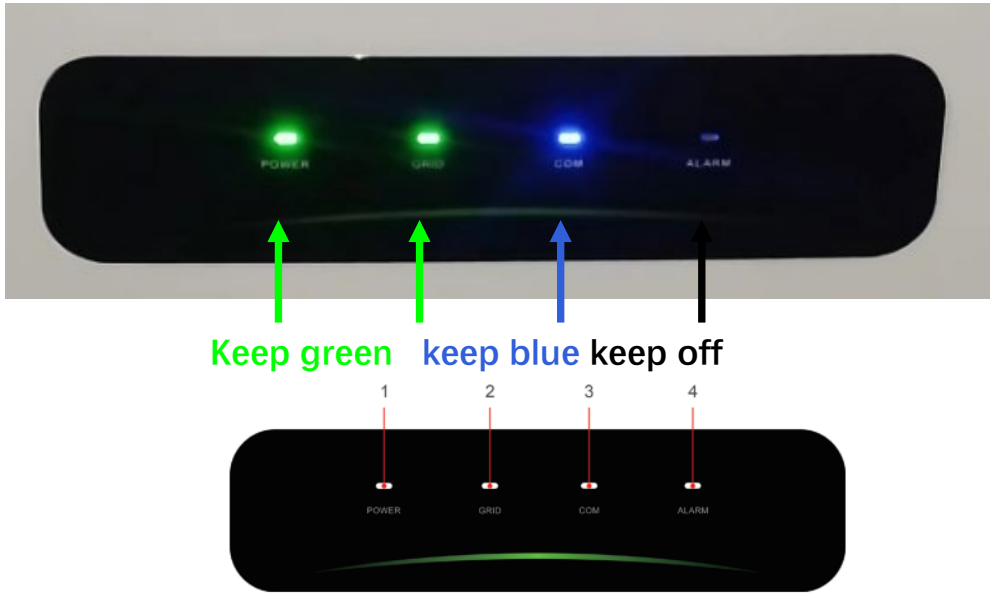


Step 6: Tariff Type-Currency-Revenue-Done.



APP Configuration-Check the Status then Exit the Site

Inverter indicators

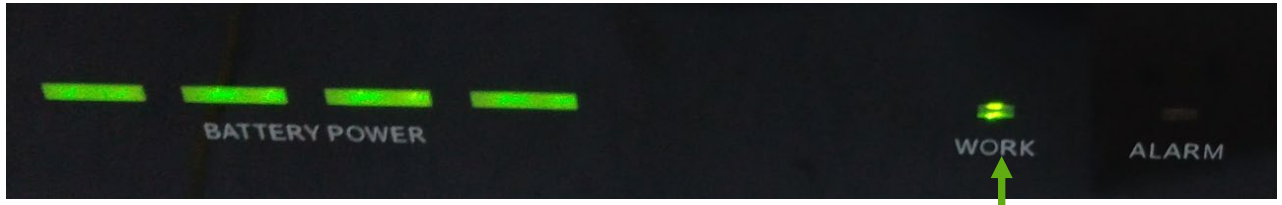


2.7.1 LED indicator status description

No.	Indicator	Status	Description
1	POWER	ON	Inverter Powered ON
		OFF	Inverter Powered OFF
2	GRID	ON	Grid Normal
		Blink 1	Grid Abnormal
		Blink 2	Grid Disconnected
3	COM.	ON	COM. Normal
		Blink 1	Meter COM. Fault
		Blink 2	COM. Fault With BMS
		OFF	Fault Both Meter & BMS
4	ALARM	OFF	Normal
		Blink 1	Inverter Internal Alarm
		Blink 2	Other Alarm

* 1 time flashing, interval 1.5 seconds; 2 times flashing, interval 0.2 seconds.

Battery indicators



25% 50% 75% 100%
Stay green.

Keep off

Working station Indicator,stay green. When leaving the site, confirm again.

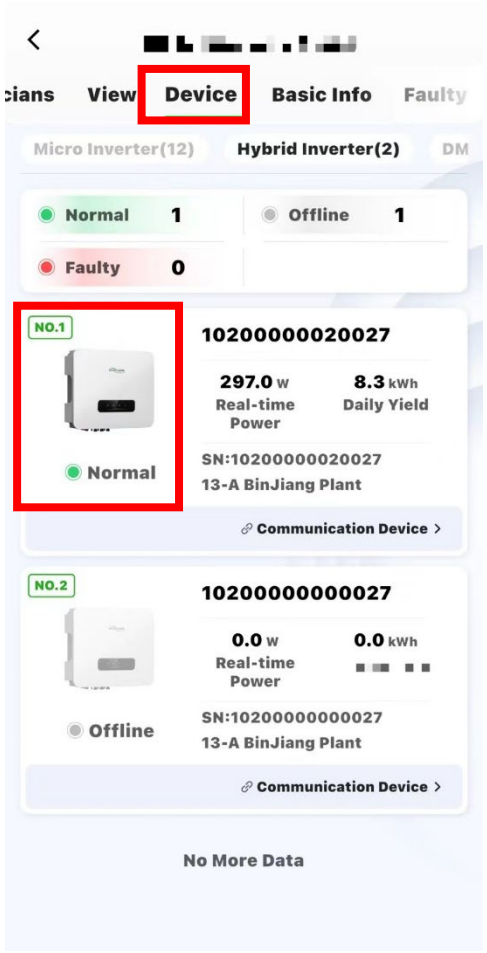
System Status	WORK	ALM
	●	●
Shutdown	Off	Off
Idle state	On 0.5s, off 1.5s	Off
Normal operation	On	On 0.5s, off 0.5s
First level alarm	On	On 0.5s, off 1.5s
Second level alarm	Off	Off
Third level alarm	Off	On

APP Configuration-Check the Status then Exit the Site

DCS indicators

Indicator	Status	Description
POWER	ON	Power ON
	OFF	Power OFF
NET	Solid Green	Connected to the server
	Flashing	Connecting to the server
	OFF	Disconnected from the server
COM.	Solid Green	Normal communication with inverter
	Flashing	Communicating with the inverter
	OFF	Communication with inverter failed

Installation Acceptance



Step 1: Select **Plant** - **User's Plant** - **Device**, and ensure that the online state of device is correct.

Step 2: After installation is completed, continuously monitor for more than half an hour, select **Statistics** - **Energy Analysis** , view the realtime power statistics curve, and ensure that the Plant has started generating electricity normally.

After confirming that all the above are normal, it indicates that the device installation and configuration is successful!