



# APsystems EMA APP User Manual

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**APsystems EMA APP**



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## Introduction

EMA APP is designed for APsystems microinverters system owners and DIY users. It allows users to track real-time performance of the photovoltaic system, see the system output by day, month, year, calculate energy savings and environmental benefits. It also allows system commission and configuration.

## APP Download

- Method 1: Search “EMA APP” in “APP Store” or “Google Play”
- Method 2: Scan the QR code to download.



#### Note

- iOS 10.0 and onwards
- Android 7.0 and onwards

## Register/Login/Management

### Register

If you don't have an EMA account yet, you can register through the EMA APP.

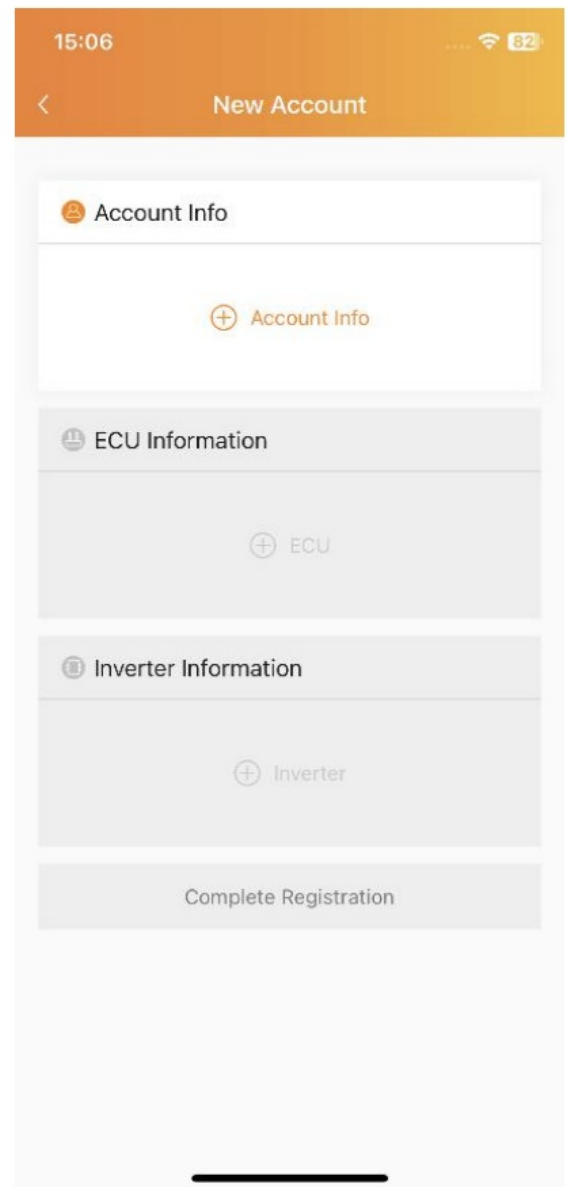
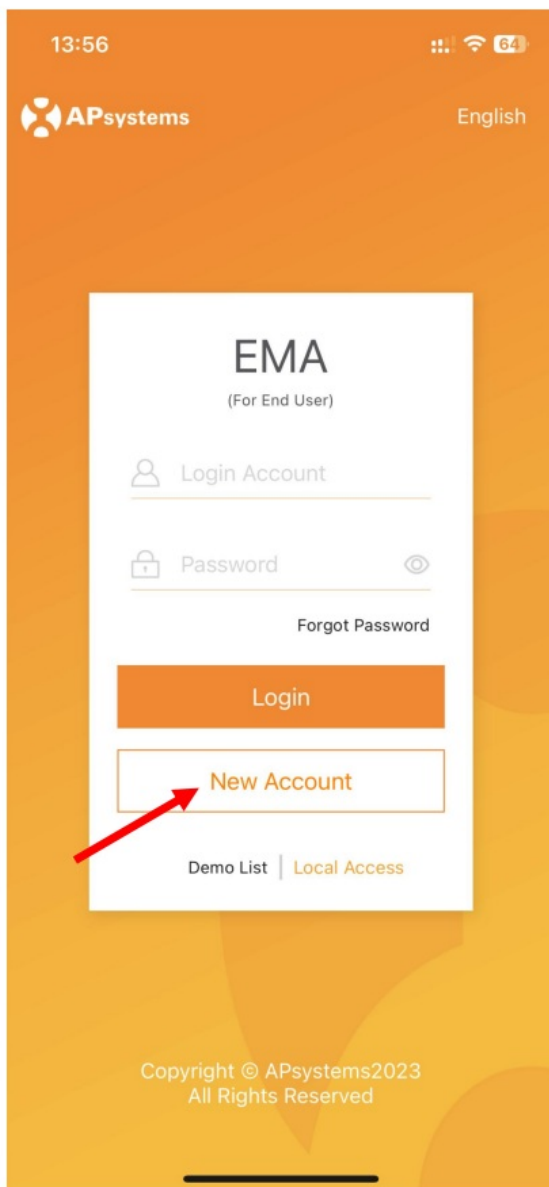
- Click “Register” to enter the registration navigation page.

Register” is divided into the following three steps:

**Step1:** Account Information (Required)

**Step2:** ECU Information (Required)

**Step3:** Inverter Information (Required)



## Account Information

- Click “Account Info”,
- Enter the necessary information according to the prompts on the page and tick the relevant agreements,
- Click “OK” to complete.

19:32 86

< Account Info

We need you to provide your basic account information in order to create an account for you.

Account Info

Login Account \*  
1-60 bit letters,digits,underscores,@,spaces or.  
Ywuu762 ✓

Password \*  
Length 6-32 bits, must contain numbers and letters  
•••••••• ✓

Name \*  
Ueyi ✓

Country / Region \*  
United States ✓

State / Province \*  
Others ✓

City \*  
Jiaxing ✓

Module Maximum Power(Pmax) (W) \*  
200-1000  
258 ✓

Contact Email \*  
137829@qq.com ✓

19:32 86

< Account Info

Company Code - Optional  
Contact your installer to get the company code. Installer can login EMA Manager or EMA web portal, and get the company code in the 'Setting' page.

Others

☒ I declare that I read through and agree with the [Terms of Service](#) and [Privacy Policy](#)

☒ I declare that I am an adult above 18 years old.

☐ Allow APsystems to Send New Productions, Services, Meetings and Marketing News

OK



## Note

### How to get a company code

Contact your installer to get the company code. Installer can login EMA Manager or EMA web portal, and get the company code in the “Setting” page.

### ECU Information

- Click “ECU”,
- Enter the corresponding ECU information according to the page prompts (the ECU entry method is divided into “scan code entry” and “manual entry”),
- Click “OK” to complete.

11:29

< Add ECU

ECU Info ^

Collect the ECU of PV system. ECU ID is a 12-digit number located on the top of ECU, as well as on the front flap of the shipping box.

☒ ECU for micro-inverter  
☐ ECU for APstorage

ECU ID \*  
 12-digit number located on the top of ECU,  
 or on the front flap of the shipping box.  
 207123456789

ECU Name  
 Custom ECU name

OK



## Inverter Information

- Click “Inverter” to enter,
- Enter the corresponding inverter information according to the page prompts (the entry method of the inverter is divided into “scan code entry” and “manual entry”),
- Click “OK” to complete.

12:45

34

<

Add UID

INVERTER INFO ^

Collect the Inverter of PV system. UID is a 12-digit number located on the top of inverter, as well as on the front flap of the shipping box.

ECU ID \*

207123456789

▼

Add method \*

Add inverter id through inputting the 12-digits number manually.

Input

▼

UID \*

12-digit number located on the top of inverter, or on the front flap of the shipping box.

703023523123

OK

16:39

40

<

216200048042

703000334821

703000334821

Align the ECU bar code within the frame to scan

DS3-L-SPE  
- Article No.  
118055

UID		Action	
1	703000334821	2	×

OK

- Click “Complete Registration” to complete.

15:14

TestFlight

New Account

Account Info

Login Account : Ywuu762

Address : Others, United States

ECU Information

ECU : 207123456789

+

ECU

Inverter Information

ECU : 207123456789

Total : 2

7031234567891

7031234567892

+

Inverter

Complete Registration

17:26

TestFlight

New Account

Account Info

Login Account : Test0913

Address : Others, United States

Notice

**Congratulations! You have your own account!**

If you have not initialized the ECU, please initialize the ECU first. If you have initialized the ECU, log in directly.

Initialize ECU

Log in

9010300384842

9010300384843

9010300384844

+

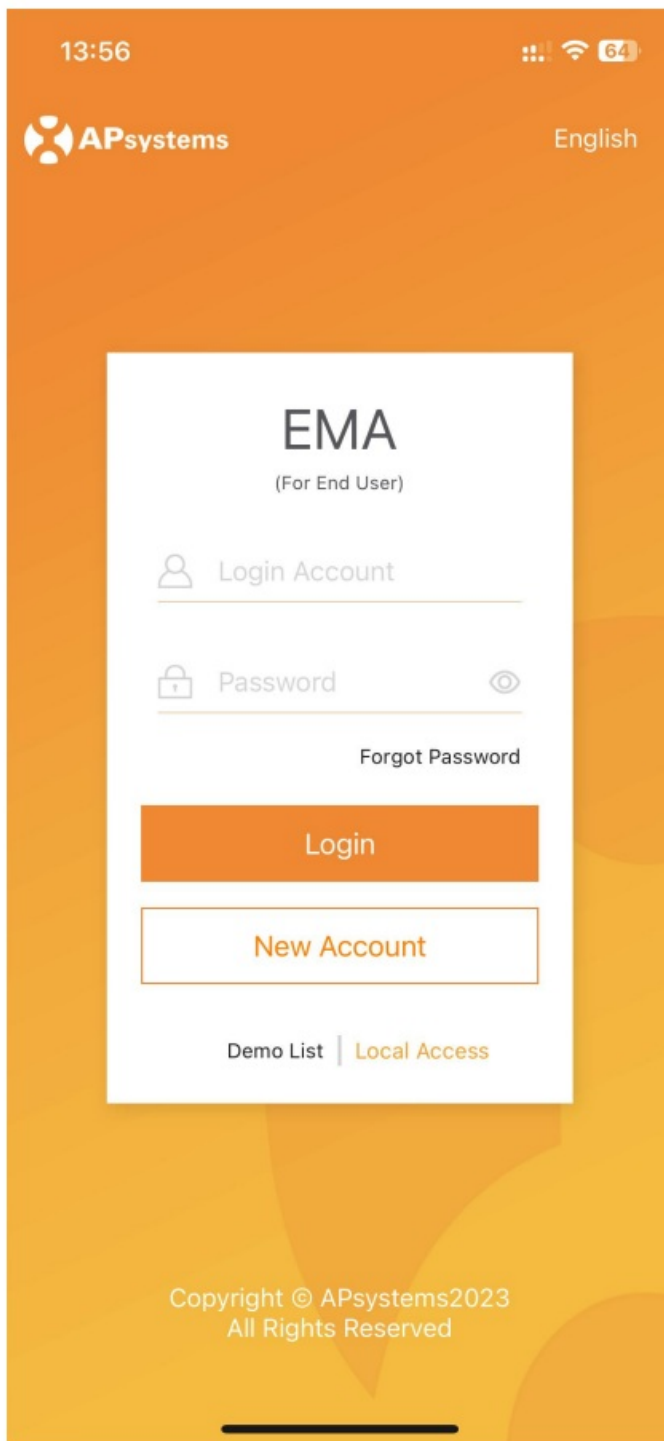
Inverter

Complete Registration

## Login

If you have already registered an EMA account, enter your account name and password on the login page and click to log in.



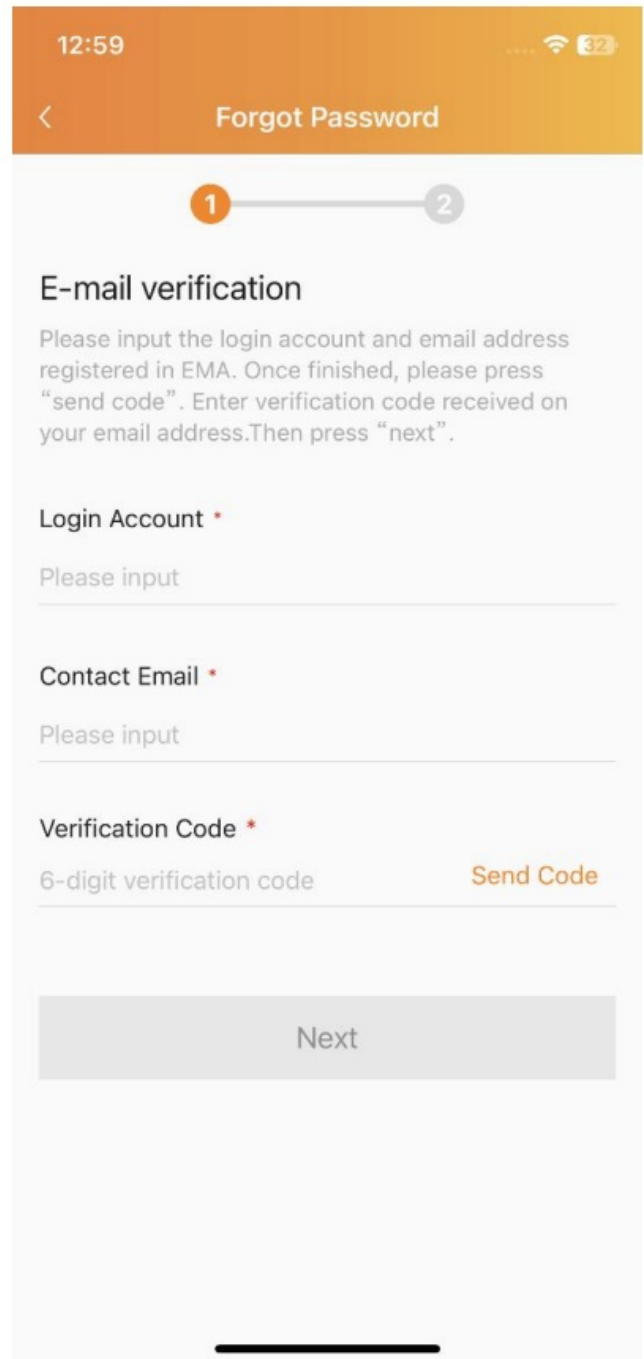
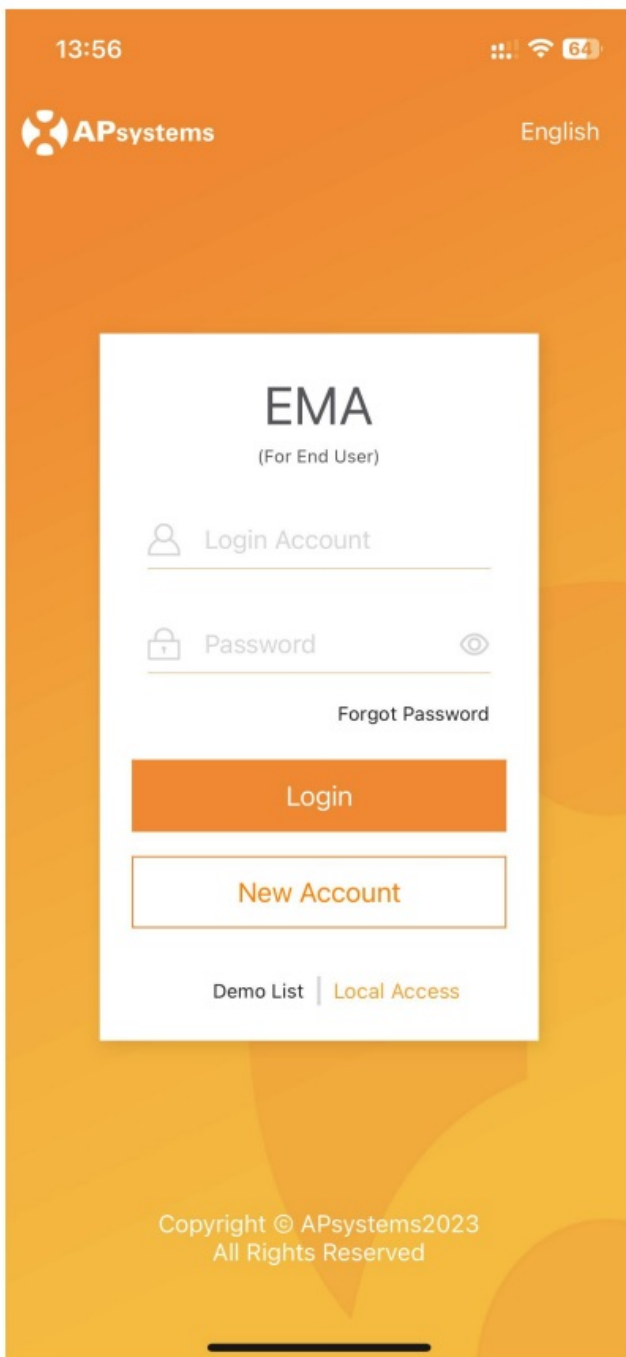


## Management

### Forgot Password

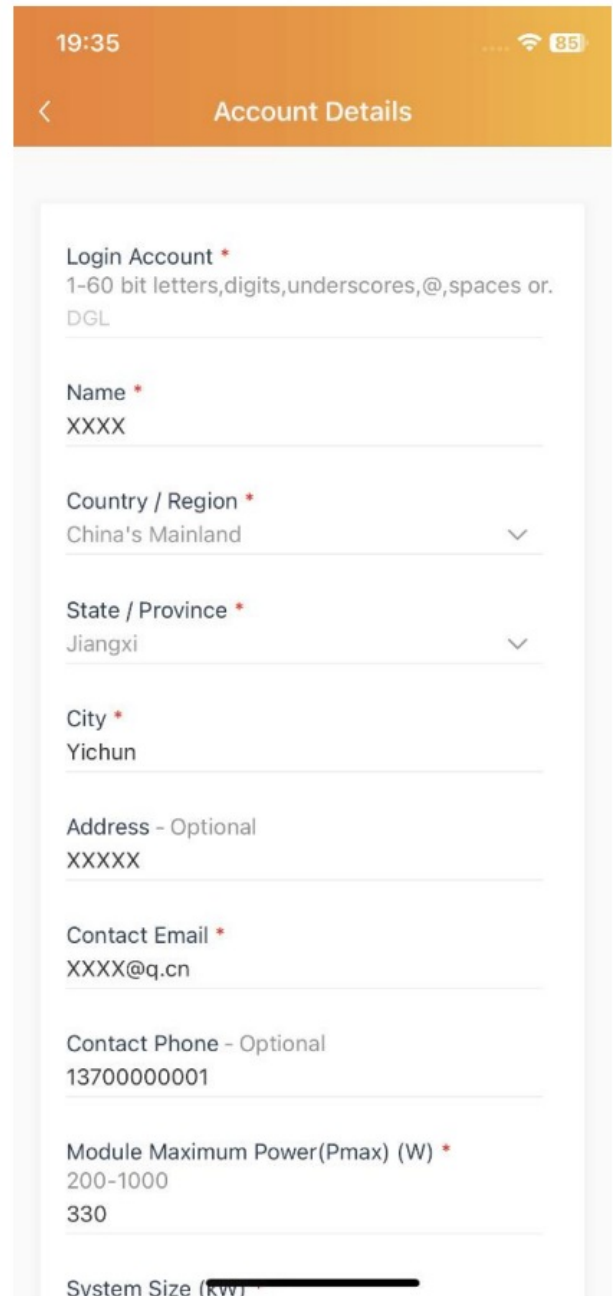
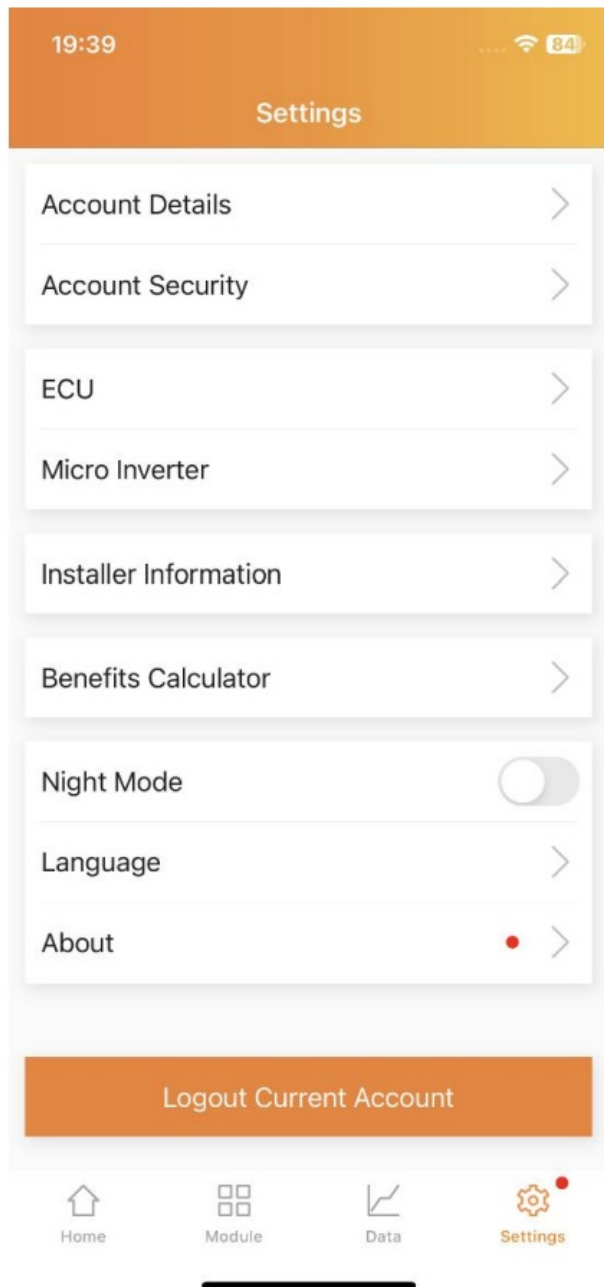
If you forget your EMA account login password, you can reset your account password through the password retrieval process.

- Click “Forgot Password”,
- Enter your account name and email, click to get the verification code, then consult your email to retrieve the verification code (verification code is valid for 5 minutes), and return to the APP to verify the information,
- Enter the new password and click “Finish” to complete.



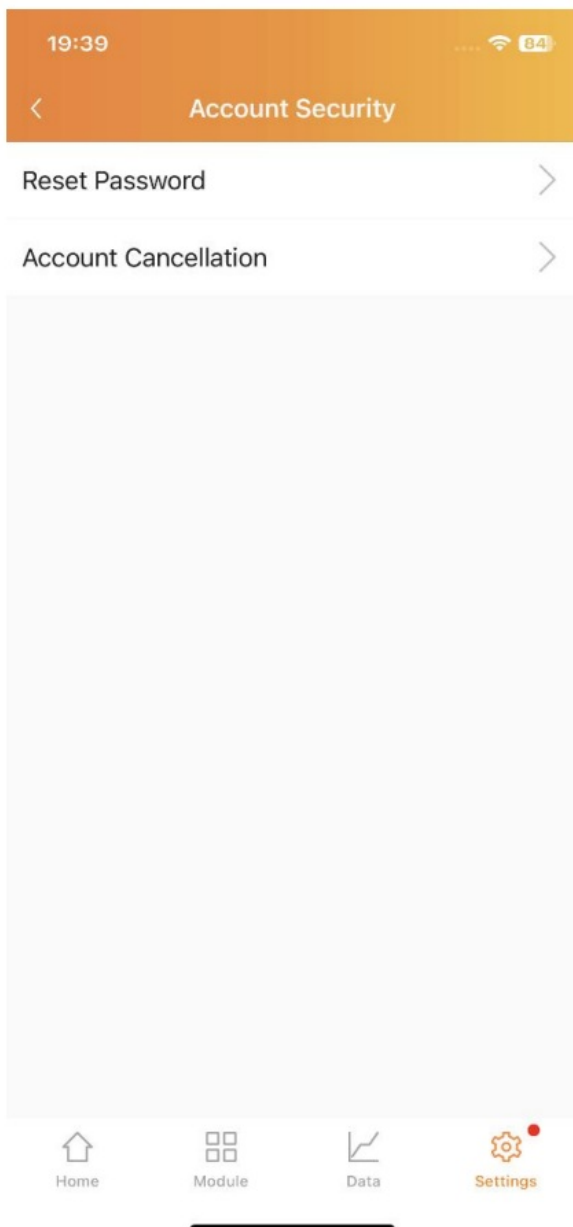
### Account Information Edit

- Log in to your account and enter "Account Details" on the "Settings" page,
- Enter the correct information in the input box where the information needs to be modified, and click "OK" to save the modified information.



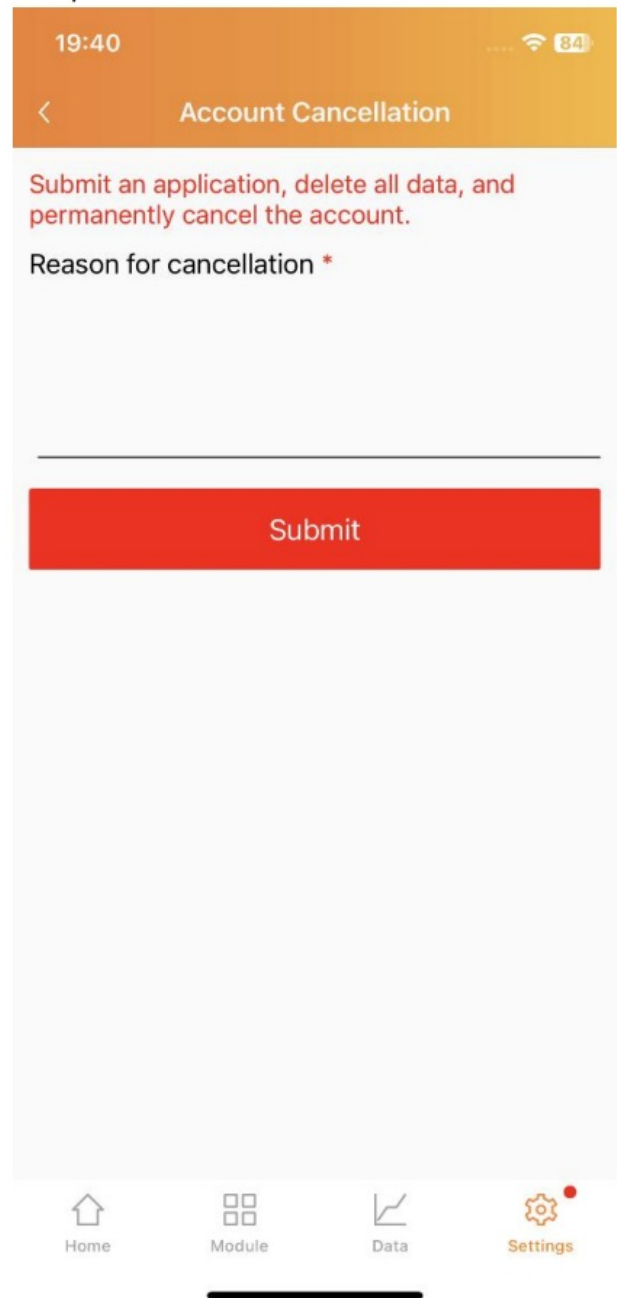
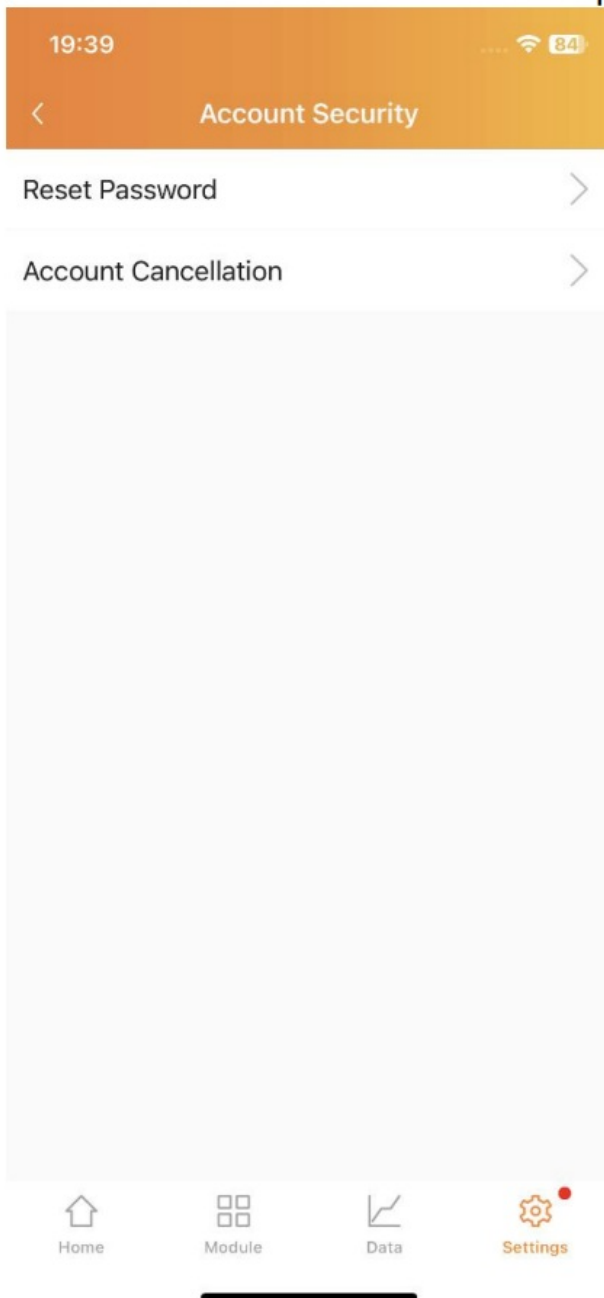
## Account Security

- Log in to your account and enter “Account Security” on the “Settings” page,
- Click “Reset Password”, enter the new password, and click “Submit” to complete the password reset,



## Account Cancellation

- Log in to your account and enter “Account Security” on the “Settings” page,
- Click “Account Cancellation”, enter the reason for cancellation, and click “Submit” to send the account cancellation application,



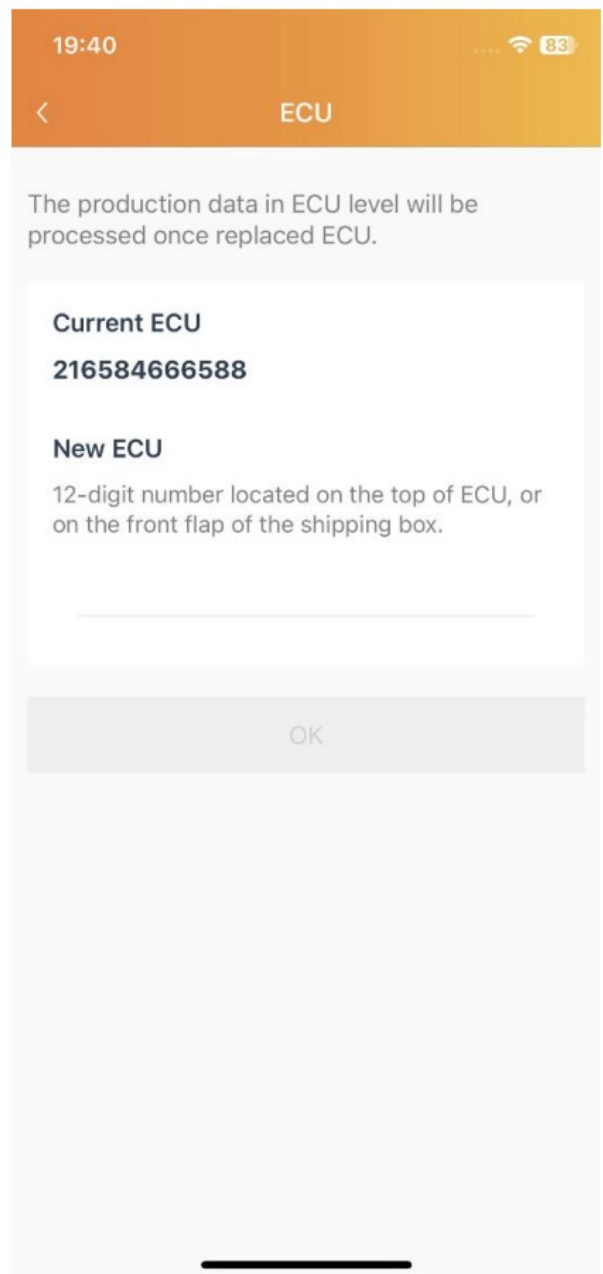
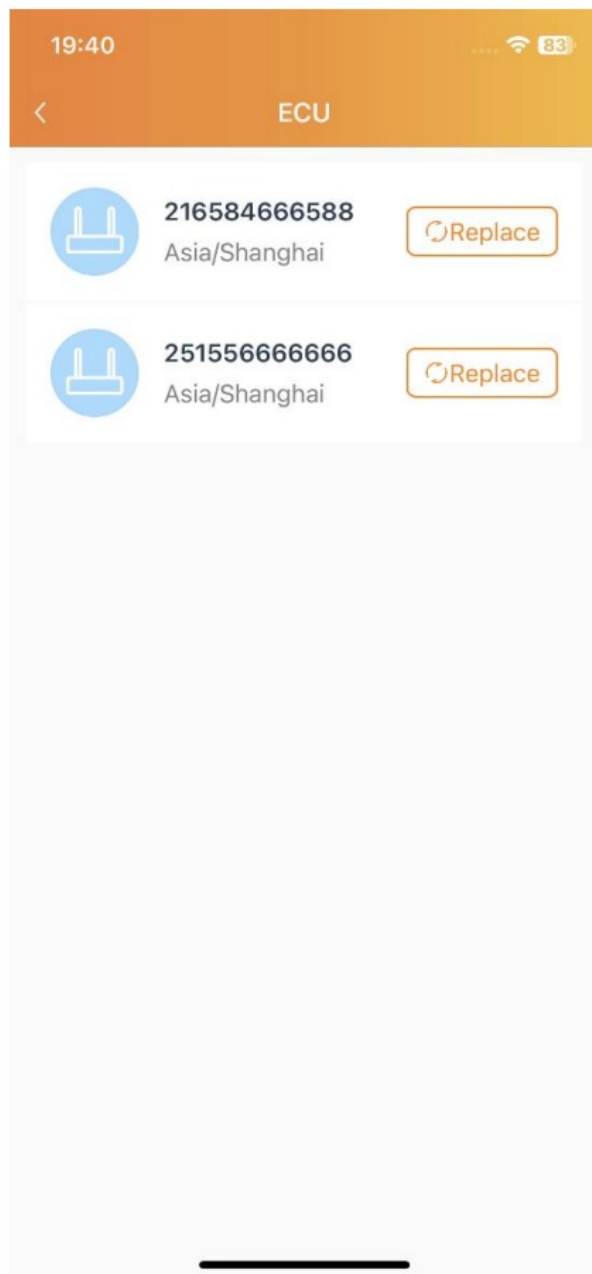
#### Note

EMA will process the submitted application within 48 hours.'

#### Device Information Edit

#### ECU Information Edit

- Log in to your account and enter “ECU” on the “Settings” page,
- Click “Replace”, enter the new ECU ID in the input box, and click “OK” to update the ECU information,



### Inverter Information Edit

- Log in to your account and enter “Inverter” on the “Settings” page,
- Click “Replace”, select the inverter replacement method, edit the new device information according to the page prompts, and click “OK” to update the inverter information,
  - Method 1: Replace by device

Method 1: Replace by device

19:41 83%

< Micro Inverter

Replacing DC equipment, DC level data will not be processed for continuation

Current ECU  
**216584666588**

Current Inverter	Type
<b>406000000013</b>	<b>YC600</b>

Replace method

Device ▼

New inverter

12-digit number located on the top of inverter, or on the front flap of the shipping box.

Please enter the new inverter ID

OK

- Method 2: Replace by channel

19:41
83

Micro Inverter

Replacing DC equipment, DC level data will not be processed for continuation

Current ECU  
**216584666588**

Current Inverter  
**406000000013**

Type  
**YC600**

Replace method  
Channel

New inverter  
12-digit number located on the top of inverter, or on the front flap of the shipping box.  
Please enter the new inverter ID

Current Channel  
2

New Channel  
Please sele...

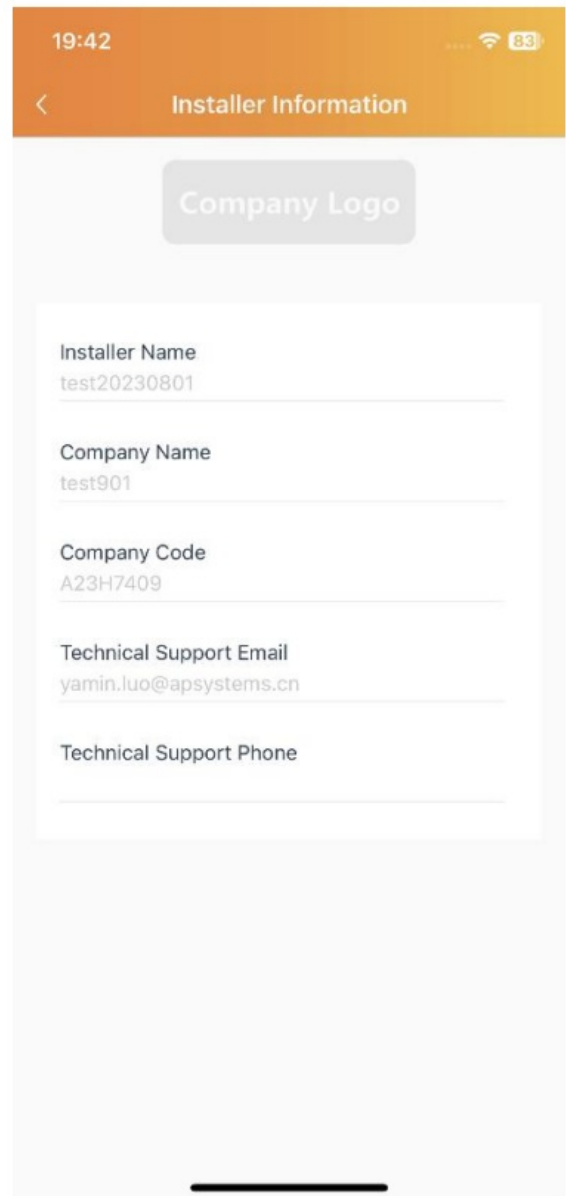
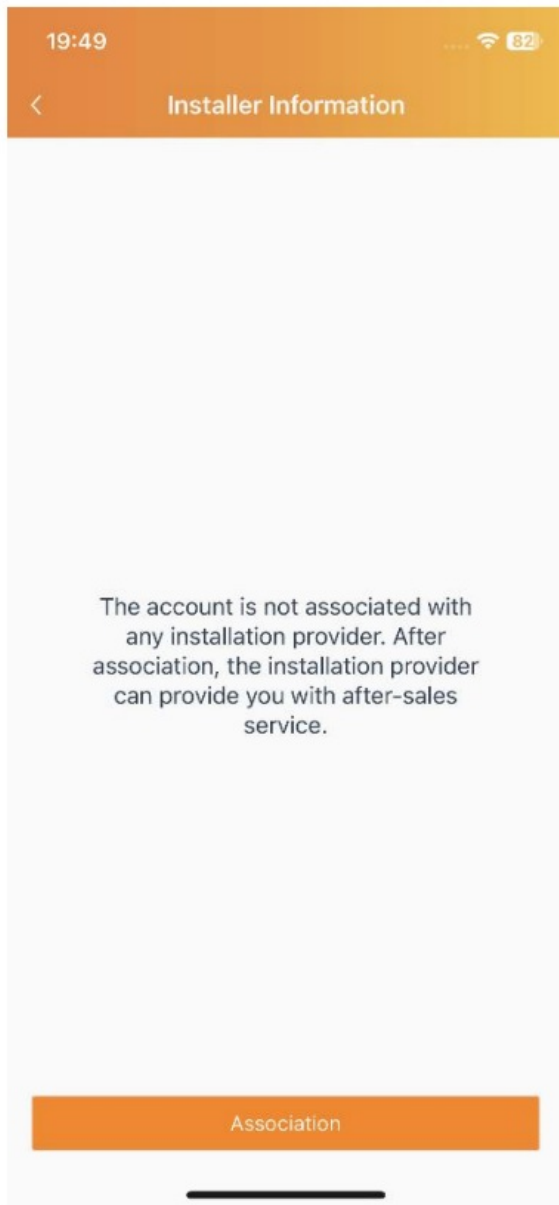
OK

## Installer Information

The user can associate the registered user account with the installer's technical support account here. After the account is associated, the user can view the installer's information on this page.

- Log in to your account and enter "Installer Information" on the "Settings" page,
- If the installer's company code is not associated when registering the account, you can click the "Associate" button and enter the installer's company code to associate the account; if the installer's company code has been associated, the installer's information will be displayed on the page,





#### Note

#### How to get a company code

Contact your installer to get the company code. Installer can login EMA Manager or EMA web portal, and get the company I code in the “Setting” page.

#### System Configuration

##### ECU Initialization

After the account registration is completed, you can initialize the ECU.



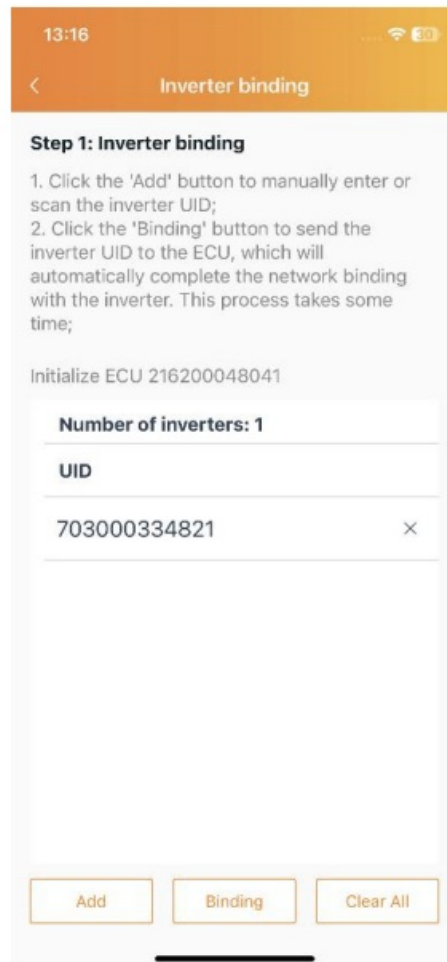
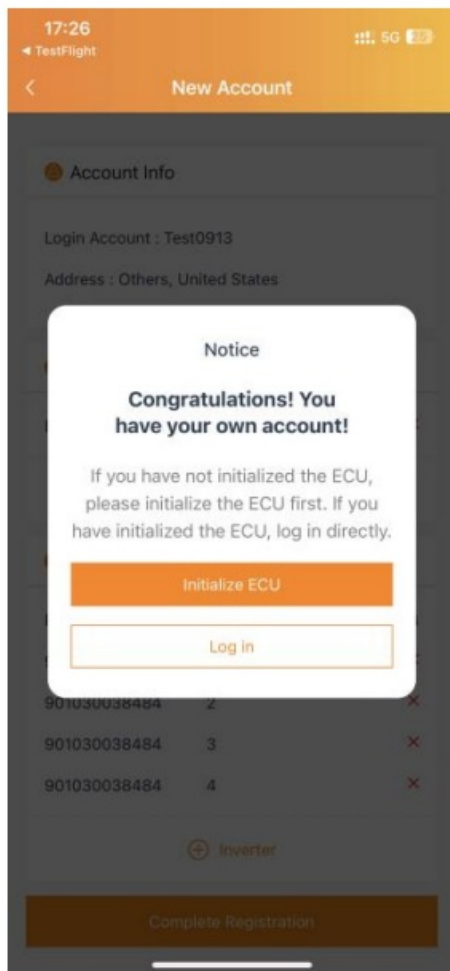
#### Not

When configuring the ECU, you need to switch the mobile phone network to the ECU hotspot. The default password for the ECU hotspot is 88888888.

## Link Inverters

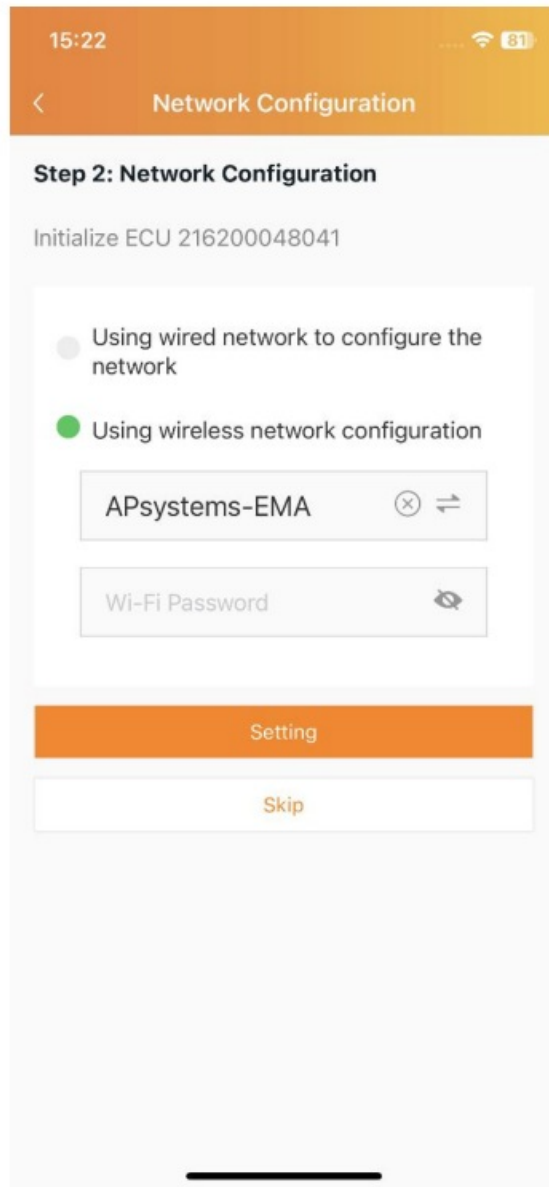
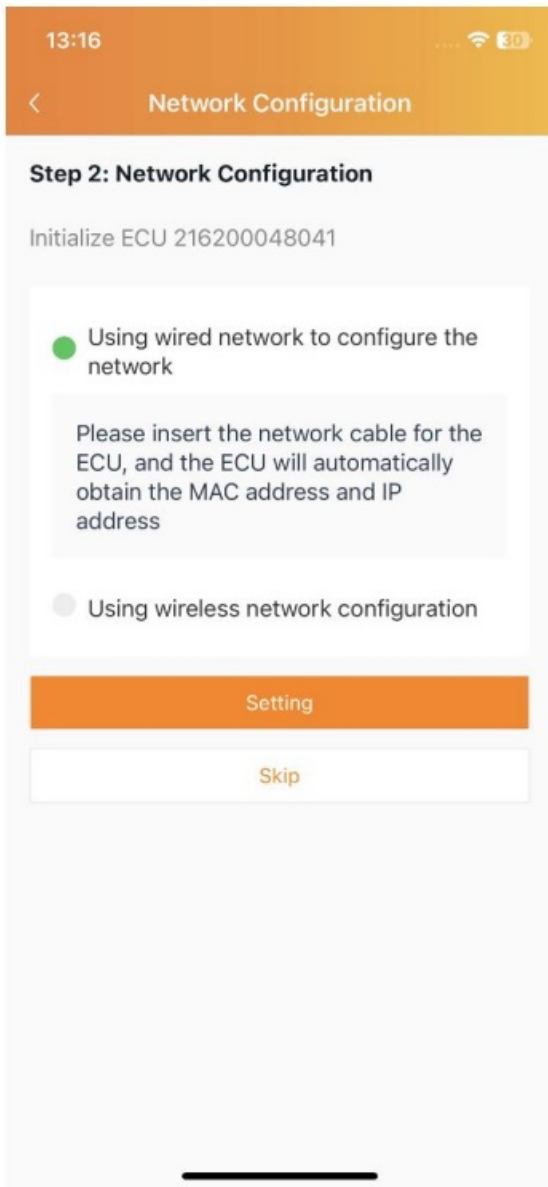
- Click “ECU Initialization” to enter,
- Correct the inverter number, click the “Bind” button, and send the inverter UID to the ECU. The ECU will automatically complete the network binding with the inverter. This process takes some time.

If you skip account registration and proceed directly to ECU initialization, you need to enter the inverter information.

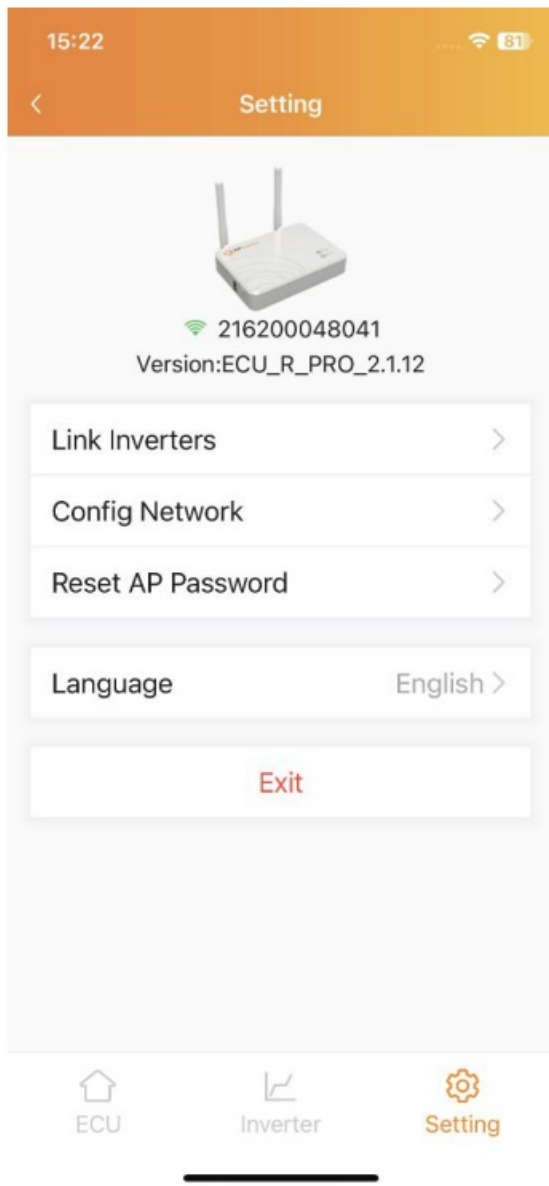


## Network Configuration

- Select the Internet Wi-Fi that can be connected in the ECU work area and enter the Wi-Fi password or choose wired network configuration,
- Click “OK” to complete the network configuration.



## ECU Setting



## Data Monitor

## Remote Monitor

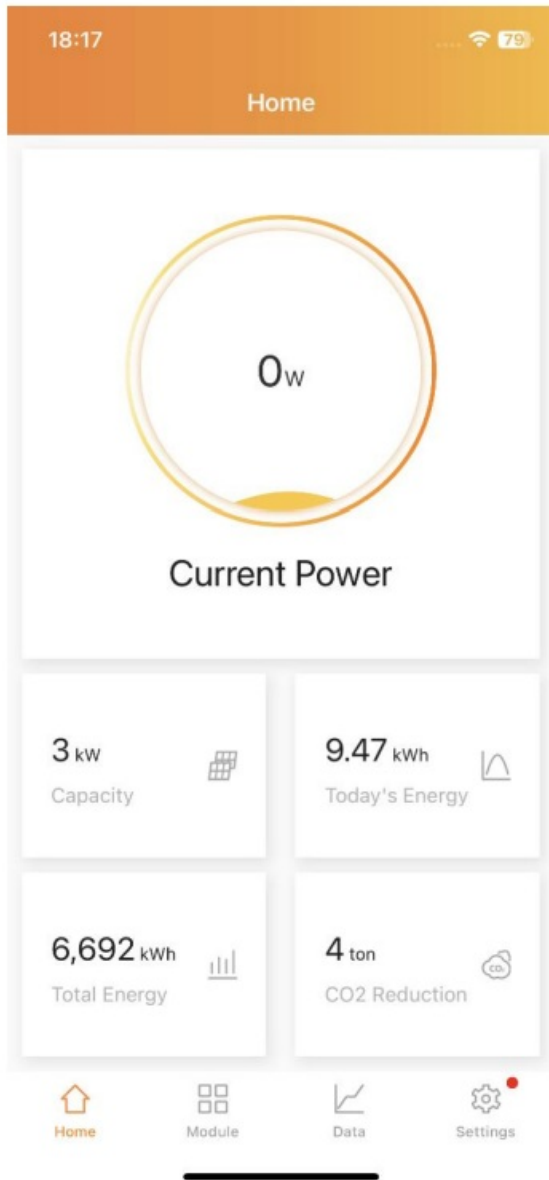


### Note

Remote monitoring requires logging in to an EMA account.

## Home

“Home” displays the real-time operating status and system benefits;



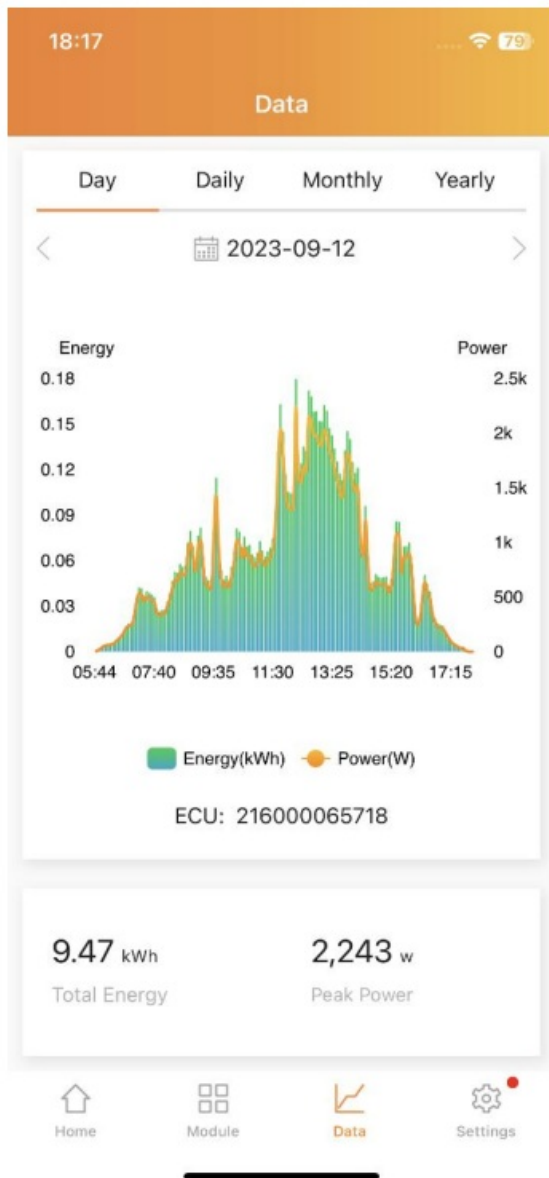
## Module

“Module” displays the system module level operating status;



## Data

"Data" displays the current operating status and historical power generation of the system.



## Local Monitor

### Note

You need to switch the mobile phone network to the ECU hotspot and click “Local Access” on the login page. The default password for the ECU hotspot is 88888888

## ECU

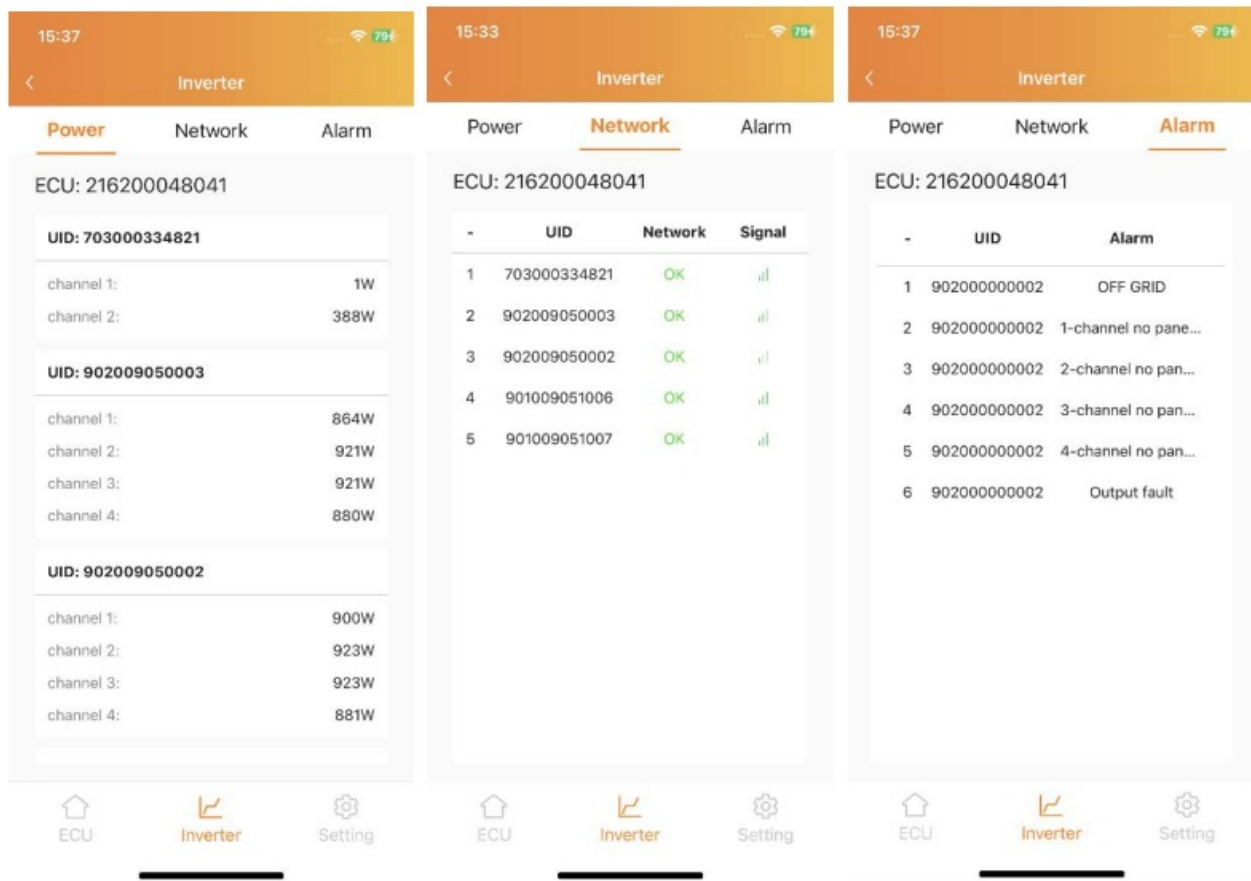
ECU” displays the real-time operating status of the system and the system’s environmental benefits;



## Inverter

"Inverter" displays the device level power generation data, the progress of the network between the device and the ECU and the alarm information of the device.

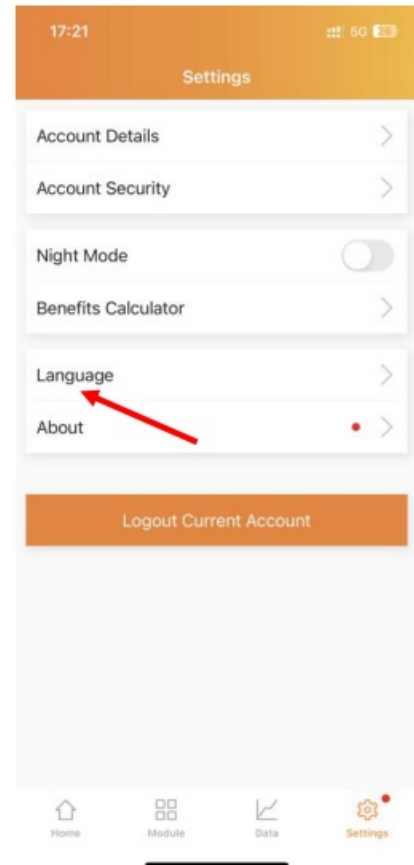
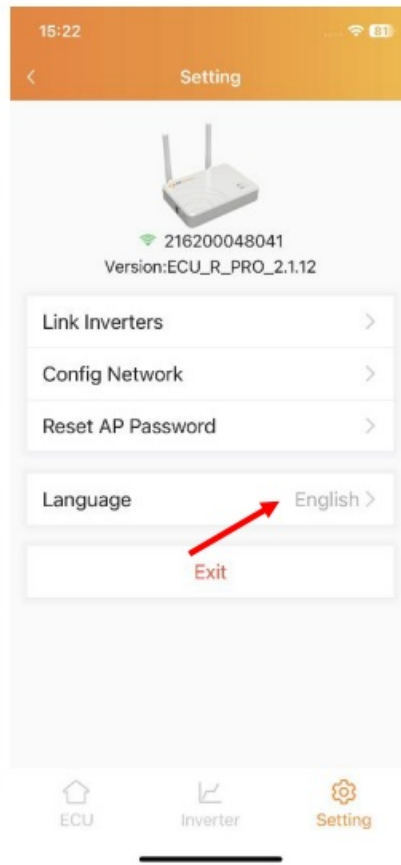
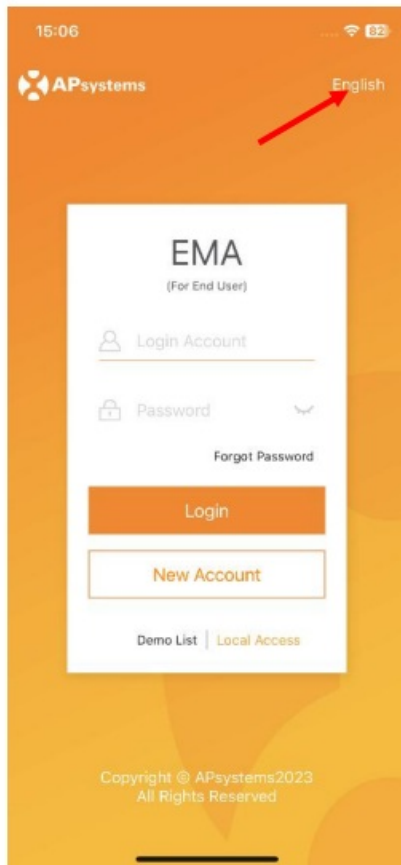




## App Setting

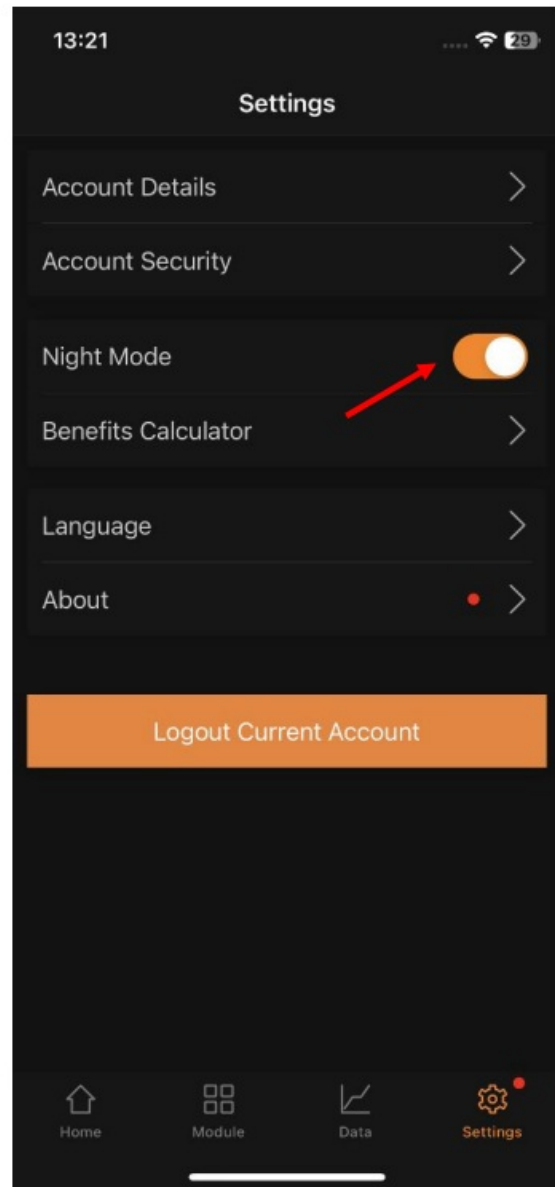
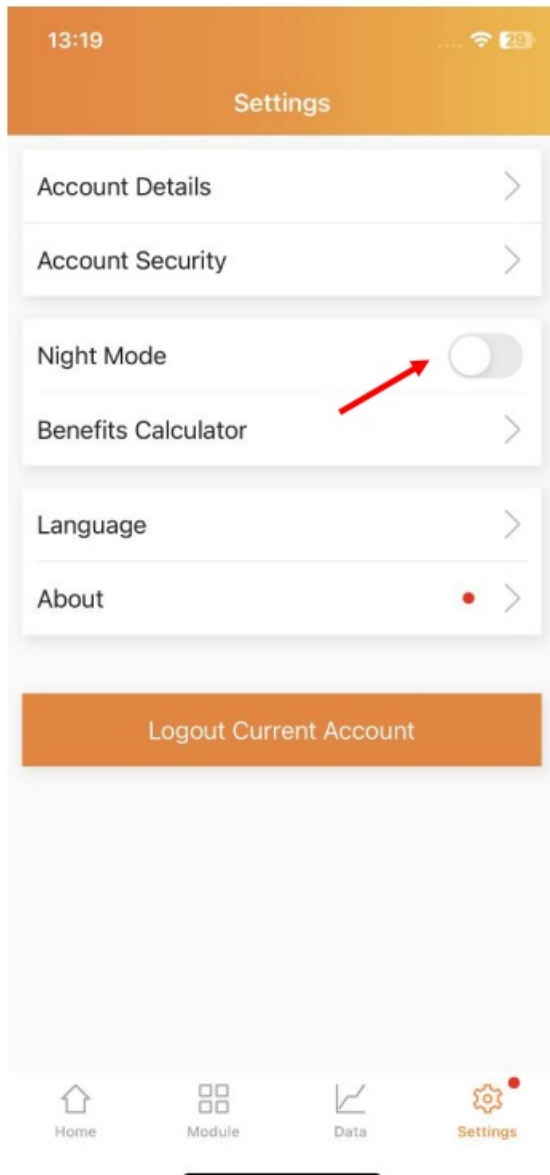
### Language

You can switch the language on the “Login” page and “Setting” page.




## Night Mode

The App interface can be switched to night mode.



## Documents / Resources

	<p><a href="#">APsystems EMA APP</a> [pdf] User Manual EMA APP, APP</p>
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## References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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