

 **APsystems**
Shared ECU Zigbee
Gateway



APsystems Shared ECU Zigbee Gateway User Manual

[Home](#) » [APsystems](#) » APsystems Shared ECU Zigbee Gateway User Manual 

Contents

- [1 APsystems Shared ECU Zigbee Gateway](#)
- [2 Introduction](#)
- [3 Basic Concepts and Usage Restrictions](#)
- [4 Information Inquiry and Management](#)
- [5 System Data Monitoring](#)
- [6 Documents / Resources](#)
 - [6.1 References](#)
- [7 Related Posts](#)



APsystems Shared ECU Zigbee Gateway



APsystems Building 2, No. 522, Yatai Road, Nanhu District, Jiaxing City, Zhejiang, China Email: emasupport@apsystems.com www.APsystems.com © All Rights Reserved

Introduction

The Shared ECU users mean that several households adjacent to or sharing the same roof establish their photovoltaic power plants and communicate data through the same ECU, and each customer has independent photovoltaic equipment (inverters and components) through independent EMA accounts monitor the operating status of their respective systems in real-time. This manual introduces how to quickly use the EMA function for such users.

Basic Concepts and Usage Restrictions

Two Kinds of Shared ECU User

User Category Introduction

Shared ECU Master User In order to facilitate management, the installer is required to register a master user account for the shared ECU, through which the account can be used to centrally manage and view all inverter information sharing the ECU, and simplify the registration process of shared ECU users. **Shared ECU Sub User** EMA can create different monitoring accounts for different household users who use the same ECU. The accounts do not interfere with each other and monitor the running status and power generation data of their own inverters in real time.

ADD CUSTOMER

INCOMPLETE CUSTOMER

INSTALLER MANAGE

COMPANY MANAGE

LOCKED ACCOUNT MANAGE

INVERTER OPERATION MANAGE

ADD CUSTOMER

"PV" OR "PV+ STORAGE" USER

The user installs a pv system with APsystems inverter(s), meters and other device(s), and uses the ECU to communicate with EMA. In addition, the user can choose to install APstorage device(s) into the system to maximize the use of power generation.

Add "PV" or "PV+ Storage" User

"STORAGE ONLY" USER

The user only installs the APstorage device(s).

Add "Storage Only" User

"SHARED ECU" USER

Multiple customers share the same roof with independent devices to build their own solar system, and use the same ECU to communicate with EMA. Each customer can register as a Shared ECU User to monitor his/her own devices (Micro inverters and PV modules) independently.

Require: First, register the "Shared ECU" Master User, and then register "Shared ECU" Sub Users.

1."Shared ECU" Master User

It is used by the installer who manage all of the devices connected to the same ECU.

Add "Shared ECU" Master User

2."Shared ECU" Sub User

It is used by the customer who monitors his/her own devices (Micro inverters and PV modules).

Add "Shared ECU" Sub User

ADD CUSTOMER

INCOMPLETE CUSTOMER

INSTALLER MANAGE

COMPANY MANAGE

LOCKED ACCOUNT MANAGE

INVERTER OPERATION MANAGE

STEP 1 : PERSONAL INFO

STEP 2 : ECU INFO

STEP 3 : INVERTER INFO

STEP 4 : GROUP VIEW INFO

STEP 5 : UPLOAD PICTURE

STEP 6 : SHARED ECU SUB-USER INFO(OPTIONAL)

We collect the Account Info and System Info in order to provide technical support and after sales service to you. Account Info means the account credentials. System Info means the address of PV system, the basic configuration of PV system.

ACCOUNT INFO

Login Account *

1-60 bit letters,digits,underscores,@,spaces or:

Password *

Length 6-32 bits, must contain numbers and letters

Confirm Password *

Length 6-32 bits, must contain numbers and letters

Name *

Contact Email *

Contact Phone - Optional

☐ Allow visitors to access to this system

Enabled this function, users can display this system on other websites through embedded services. Refer to [help] for operation details.

☐ Disagree maintenance policy and shielded intelligent alarm

Enable this function, EMA cannot analyse the working data of this system, it does not support [Smart Maintenance]

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

Enable this function, APsystems will send new productions, services, meetings and marketing news to your email irregularly

Open Installer Register Shared ECU User Permissions

By default, installers cannot register shared ECU user accounts. If you need to open this permission, you can contact APsystems.

Registration

The new version of EMA has optimized the user registration process for shared ECU, requiring that the primary user be registered first and then the sub-users. In this way, the operation of registering sub-users can be simplified and the installer's registration time can be saved.

Shared ECU Master User The registration process is similar to normal user. **Shared ECU Sub User** To register a sub-user, you need to specify the ECU ID of shared ecu master user first. After the association is successful, part of the sub-user's registration information will directly reuse the master user's registration information, such as geographic information, device information, etc., without repeating input, which can achieve fast registered.

Register Shared ECU Master User

- Log onto EMA and click “REGISTRATION”.
- Click “Add shared ECU Master User” Open the shared ECU Master user registration page.

The screenshot shows the APsystems EMA interface. The top navigation bar includes the APsystems logo, a 'USER LIST' button, a highlighted 'REGISTRATION' button, a 'SETTING' button, and an 'AP Designer' button. On the right, there are links for 'English', 'Settings', and 'Sign out', along with the user 'APSEAdmin' and the location 'Paris,Auvergne-Rhône-Alpes,France'.

The left sidebar contains a menu with 'ADD CUSTOMER' (highlighted), 'INCOMPLETE CUSTOMER', 'INSTALLER MANAGE', 'COMPANY MANAGE', 'LOCKED ACCOUNT MANAGE', and 'INVERTER OPERATION MANAGE'.

The main content area is titled 'ADD CUSTOMER' and contains three sections:

- "PV" OR "PV+ STORAGE" USER**: Describes a user who installs a PV system with APsystems inverters, meters, and other devices, using the ECU to communicate with EMA. It includes an 'Add "PV" or "PV+ Storage" User' button.
- "STORAGE ONLY" USER**: Describes a user who only installs APstorage devices. It includes an 'Add "Storage Only" User' button.
- "SHARED ECU" USER**: Describes multiple customers sharing a roof with independent devices, using the same ECU to communicate with EMA. It includes instructions to first register a 'Shared ECU' Master User and then 'Shared ECU' Sub Users. It contains two sub-sections:
 - 1."Shared ECU" Master User**: Described as being used by the installer to manage all devices connected to the same ECU. It includes an 'Add "Shared ECU" Master User' button.
 - 2."Shared ECU" Sub User**: Described as being used by the customer who monitors his/her own devices (Micro inverters and PV modules). It includes an 'Add "Shared ECU" Sub User' button.

- According to the registration process, fill in the registration information.

The screenshot shows the APsystems EMA interface at the 'STEP 1 : PERSONAL INFO' stage of the registration process. The top navigation bar and left sidebar are the same as in the previous screenshot.

The main content area shows a progress bar with six steps: STEP 1 : PERSONAL INFO (current), STEP 2 : ECU INFO, STEP 3 : INVERTER INFO, STEP 4 : GROUP VIEW INFO, STEP 5 : UPLOAD PICTURE, and STEP 6 : SHARED ECU SUB-USER INFO(OPTIONAL).

Below the progress bar, a message states: 'We collect the Account Info and System Info in order to provide technical support and after sales service to you. Account Info means the account credentials. System Info means the address of PV system, the basic configuration of PV system.'

The 'ACCOUNT INFO' section includes the following fields:

- Login Account ***: 1-60 bit letters,digits,underscores,@,spaces or: [text input]
- Password ***: Length 6-32 bits, must contain numbers and letters [text input]
- Confirm Password ***: Length 6-32 bits, must contain numbers and letters [text input]
- Name ***: [text input]

The 'Contact Info' section includes the following fields:

- Contact Email ***: [text input]
- Contact Phone - Optional**: [text input]

There are three optional checkboxes with descriptions:

- ☐ **Allow visitors to access to this system**: Enabled this function, users can display this system on other websites through embedded services. Refer to [help] for operation details.
- ☐ **Disagree maintenance policy and shielded intelligent alarm**: Enable this function, EMA cannot analyse the working data of this system, it does not support [Smart Maintenance]
- ☐ **Allow APsystems to Send New Productions, Services, Meetings and Marketing News**: Enable this function, Apystems will send new productions, services, meetings and marketing news to your email irregularly

- Click “Complete Registration” to submit registration information.

- Attention In the dialog box will appear “Complete Registration” and “Complete and register shared ECU sub-user”.

- Select “Complete and register shared ECU sub-user” and click “Associate” to verify the ECU association. After the association is successful, the web page will jump to the user information page, and the installer can follow the registration steps to register sub-users.

Register Shared ECU Sub User

- Log onto EMA and click “REGISTRATION”.
- Select “Add shared ECU Sub User” and enter ECU ID.

"STORAGE ONLY" USER

The user only installs the APstorage device(s).

Add "Storage Only" User

"SHARED ECU" USER

Multiple customers share the same roof with (Micro inverters and PV modules) independent of the number of inverters.

Require: First, register the "Shared ECU" Master User.

1. "Shared ECU" Master User

It is used by the installer who manages all of the inverters.

Add "Shared ECU" Master User

2. "Shared ECU" Sub User

It is used by the customer who monitors his/her own devices (Micro inverters and PV modules).

Add "Shared ECU" Sub User

Shared ECU ID

Note: Please enter the correct shared ECU ID. If the shared ECU ID has been associated with the shared ECU master user, the shared ECU sub-user can share the system information of the master user, simplifying the registration process.


Shared ECU ID *


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


OK


EMA. Each customer can register as a sub-user.


- Enter the ECU ID that needs to be verified. When the verification is passed, click "OK" to open the sub-user registration page.



 USER LIST

 REGISTRATION

 SETTING

 AP Designer

English | Settings | Sign out
APSEAdmin
Paris,Auvergne-Rhône-Alpes,France

ADD CUSTOMER

INCOMPLETE CUSTOMER

INSTALLER MANAGE

COMPANY MANAGE

LOCKED ACCOUNT MANAGE

INVERTER OPERATION MANAGE

STEP 1 : PERSONAL INFO

STEP 2 : ECU INFO

STEP 3 : INVERTER INFO

STEP 4 : GROUP VIEW INFO

STEP 5 : UPLOAD PICTURE

We collect the Account Info and System Info in order to provide technical support and after sales service to you. Account Info means the account credentials. System Info means the address of PV system, the basic configuration of PV system.

Shared Master User : sissitest009 , Shared ECU ID : 2

ACCOUNT INFO

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

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

Confirm Password *
Length 6-32 bits, must contain numbers and letters

Name *

Contact Email *

Contact Phone - Optional

☐ Allow visitors to access to this system
Enabled this function, users can display this system on other websites through embedded services. Refer to [help] for operation details.

☐ Disagree maintenance policy and shielded intelligent alarm
Enable this function, EMA cannot analyse the working data of this system, it does not support [Smart Maintenance]

☐ Allow APsystems to Send New Productions, Services, Meetings and Marketing News
Enable this function , APsystems will send new productions,services,meetings and marketing news to your email irregularly

- Fill in the user information according to the registration process, and click "Submit" to save the user information.
- Check the associated ECU ID and click "Next" to enter the inverter registration list

STEP 1 : PERSONAL INFO STEP 2 : ECU INFO STEP 3 : INVERTER INFO STEP 4 : GROUP VIEW INFO STEP 5 : UPLOAD PICTURE

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 LIST

ID	ECU ID	Timezone	Meter	Action
1	2	Europe/Paris	--	Switch

Displaying 1 to 1 of 1 items.

< 1 > Go 1 10 ▾

Back Next

Export

- Click “Associate” to open the list of Unrelated UUIDs under the master user.

STEP 1 : PERSONAL INFO STEP 2 : ECU INFO STEP 3 : INVERTER INFO STEP 4 : GROUP VIEW INFO STEP 5 : UPLOAD PICTURE

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.

Relate UID

Unrelated UUIDs

Search...

405

405

Related UUIDs

Search...

>> <<

Cancel Submit

+ Associate Export

Back Next

- Select the inverter UID to be associated, and import the inverter UID into the “Related UUIDs” on the right.

Relate UID

Unrelated UUIDs

Search...

503876495757-1

503876495757-2

503876495757-3

503876495757-4

503876495758-1

503876495758-2

Related UUIDs

Search...

503876495756-1

503876495756-2

503876495756-3

503876495756-4

>> <<

Cancel Submit

- Click “Submit” to submit UID information.

STEP 1 : PERSONAL INFO STEP 2 : ECU INFO STEP 3 : INVERTER INFO STEP 4 : GROUP VIEW INFO STEP 5 : UPLOAD PICTURE

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.

INVERTER LIST

ECU 20: UID

ID	UID	Type	Channel
1	4054	YC500	A

Displaying 1 to 1 of 1 items.

< 1 > Go 1 20 ▼

- Click "Next" to enter the "View List" page.

STEP 1 : PERSONAL INFO STEP 2 : ECU INFO STEP 3 : INVERTER INFO STEP 4 : GROUP VIEW INFO STEP 5 : UPLOAD PICTURE

Collect the view of PV system. In order to manage and maintenance the PV systems, please register the modules in accurate position according to the installations on the job.

VIEW LIST

<input type="checkbox"/>	ID	ECU ID	View Name	Input Number	Max Row	Max Column	Action
No Records Found							

- Click "Add" to open the view information edit box.

STEP 1 : PERSONAL INFO STEP 2 : ECU INFO STEP 3 : INVERTER INFO STEP 4 : GROUP VIEW INFO STEP 5 : UPLOAD PICTURE

Collect the view of PV system. In order to manage and maintenance the PV systems, please register the modules in accurate position according to the installations on the job.

VIEW LIST

Max Row Max Column Action

CREATE VIEW

Note: Please register the module in accurate position according to the installation on the job.

ECU ID *

20 ▼

View Name *

1-30 bit letters,digits,underscores,@,space,- or .

Row *

1-80

5

Column *

1-80

5

- Fill in the view information and click the "OK" to open the "Component Layout" page.

- Drag the UID on the left to the blank component on the right, or right-click any component to open the UID import mode, and import the UID to the blank component.

STEP 1 : PERSONAL INFO STEP 2 : ECU INFO STEP 3 : INVERTER INFO STEP 4 : GROUP VIEW INFO STEP 5 : UPLOAD PICTURE

Collect the view of PV system. In order to manage and maintenance the PV systems, please register the modules in accurate position according to the installations on the job.

R:1 C:1

Switch On Multiple Operation

454
5-A

- Click “Save” to submit the view information.
- Click “Next” to enter the upload picture page.

STEP 1 : PERSONAL INFO STEP 2 : ECU INFO STEP 3 : INVERTER INFO STEP 4 : GROUP VIEW INFO STEP 5 : UPLOAD PICTURE

Collect the view of PV system. In order to manage and maintenance the PV systems, please register the modules in accurate position according to the installations on the job.

VIEW LIST

<input type="checkbox"/>	ID	ECU ID	View Name	Input Number	Max Row	Max Column	Action
<input type="checkbox"/>	1	203256458451	view	1	1	1	Edit

Displaying 1 to 1 of 1 items.

< 1 > Go 1 10 ▼

STEP 1 : PERSONAL INFO STEP 2 : ECU INFO STEP 3 : INVERTER INFO STEP 4 : GROUP VIEW INFO STEP 5 : UPLOAD PICTURE

Collect the system picture and drawing picture of PV system.

SYSTEM PICTURE

Register system pictures. Users can view, add, edit, and delete these pictures. Format: png, jpg. Size: 0-10M.

+

DRAWING PICTURE

Register drawing pictures. Users can view, add, edit, and delete these pictures. Format: png, jpg, pdf. Size: 0-10M.

+

- Upload corresponding photos or drawings as required.
- Click “Complete Registration ” to submit account information.

The Restrictions of Share ECU

- Applicable ECU type: only ECU with Zigbee communication mode.
- The scope of application: The shared transmission distance of the wireless communication ECU is controlled within 300 meters, and the stable communication between the inverter and the ECU should be ensured before use.

Information Inquiry and Management

Compared with ordinary users, the display of output power is a little different. Compared with ordinary users, the display of output power is a little different. Share ECU Master user: you can see the data summary of all sub-users under the current registered ECU.

Search for Shared ECU Users

- Login EMA,
- Select “More Options”,

ID	Customer Account	ECU ID	Name	Country/Region	State	City	System Size(KW)	System Type	Register Date	System Status
1	aisi009	203256458451	aisi009	France	Auvergne-Rhône-Alpes	cc	2	Photovoltaic,Share(Master)	2024-04-16	ON
2	aisi012	203256458451	aisi012	France	Auvergne-Rhône-Alpes	cc	1	Photovoltaic,Share(Sub)	2024-04-16	ON

- Select “User Type” as “Shared ECU Master User” or “Shared ECU Sub User”

APsystems ALTENERGY POWER

USER LIST REGISTRATION SETTING AP DESIGNER

English | Settings | Sign out

APSENADMIN - CUSTOMER LIST

Customer Account: [dropdown] ECU ID: [dropdown] [Query] [Export All] [Change Columns] [View Partners]

Country/Region/State: [dropdown] All [dropdown] System Type: ☒ Shared ECU users ☐ Electric meter users ☐ Energy storage users

System Status: [dropdown]

ID	Customer Account	ECU ID	Name	Country/Region	State	City	System Size(KW)	System Type	Register Date	System Status
1	sisitest009	203256458451	sisai	France	Auvergne-Rhône-Alpes	cc	2	Photovoltaic,Share(Master)	2024-04-16	
2	sisitest012	203256458451	sisitest012	France	Auvergne-Rhône-Alpes	cc	1	Photovoltaic,Share(Sub)	2024-04-16	

- Press “Query”.

Shared ECU User Registration Information Management.

Shared ECU Master User

APsystems ALTENERGY POWER

USER LIST REGISTRATION SETTING AP Designer

English | Settings | Sign out

APSENAdmin Paris,Auvergne-Rhône-Alpes,France

Current User: sisitest009

DASHBOARD MODULE REPORT HISTORY REMOTE CONTROL ALARM INFORMATION DIAGNOSE USER REGISTRATION

ACCOUNT DETAILS ACCOUNT SECURITY REPLACE DEVICE

PERSONAL INFO

ECU INFO

INVERTER INFO

GROUP VIEW INFO

UPLOAD PICTURE

PERSONAL INFO

We collect the Account Info and System Info in order to provide technical support and after sales service to you. Account Info means the account credentials. System Info means the address of PV system, the basic configuration of PV system.

ACCOUNT INFO

Login Account * 1-60 bit letters,digits,underscores,@,spaces ok. sisitest009

Name * sissi

Contact Email * 324061750@qq.com

Contact Phone - Optional

☐ Allow visitors to access to this system

Enabled this function, users can display this system on other websites through embedded services. Refer to [help] for operation details.

Personal Information

- The modification and management of account information are the same as ordinary users.

APsystems ALTENERGY POWER

USER LIST REGISTRATION SETTING AP Designer

English | Settings | Sign out

APSENAdmin Paris,Auvergne-Rhône-Alpes,France

Current User: sisitest009

DASHBOARD MODULE REPORT HISTORY REMOTE CONTROL ALARM INFORMATION DIAGNOSE USER REGISTRATION

ACCOUNT DETAILS ACCOUNT SECURITY REPLACE DEVICE

PERSONAL INFO

ECU INFO

INVERTER INFO

GROUP VIEW INFO

UPLOAD PICTURE

PERSONAL INFO

We collect the Account Info and System Info in order to provide technical support and after sales service to you. Account Info means the account credentials. System Info means the address of PV system, the basic configuration of PV system.

ACCOUNT INFO

Login Account * 1-60 bit letters,digits,underscores,@,spaces ok. sisitest009

Name * sissi

Contact Email * 324061750@qq.com

Contact Phone - Optional

☐ Allow visitors to access to this system

Enabled this function, users can display this system on other websites through embedded services. Refer to [help] for operation details.

ECU Information

- The process of adding and managing ECU information is the same as ordinary users.

Current User: sisitest009

DASHBOARD
MODULE
REPORT
HISTORY
REMOTE CONTROL
ALARM INFORMATION
DIAGNOSE
USER REGISTRATION
ACCOUNT DETAILS
ACCOUNT SECURITY
REPLACE DEVICE
BACK

PERSONAL INFO
ECU INFO
INVERTER INFO
GROUP VIEW INFO
UPLOAD PICTURE

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 LIST

+ Add
Delete
Export

<input type="checkbox"/>	ID	ECU ID	ECU Name	Timezone	Meter	Action
<input type="checkbox"/>	1	20	--	Europe/Paris	--	Edit

Displaying 1 to 1 of 1 items.

Note

- **Edit ECU:** Changing the ECU ID will affect the ECU ID of shared ECU sub-users. To maintain the relationship between the master and sub-users, the ECU ID must be the same, otherwise, there is no correlation.
- **Replace ECU:** you need to go to the “REPLACE DEVICE ” page under ” USER REGISTRATION “.

Inverter Information

The registration and management of Inverter information is same as ordinary user.

Current User: sisitest009

DASHBOARD
MODULE
REPORT
HISTORY
REMOTE CONTROL
ALARM INFORMATION
DIAGNOSE
USER REGISTRATION
ACCOUNT DETAILS
ACCOUNT SECURITY
REPLACE DEVICE
BACK

PERSONAL INFO
ECU INFO
INVERTER INFO
GROUP VIEW INFO
UPLOAD PICTURE

INVERTER INFO

There are two methods to collect UID: 1. Import From ECU 2. Manual Add

INPUT UIDS

Import From ECU
Manual Add

Note: This way can import the UIDs reported to EMA from ECU remotely to the temporary UID list automatically. Please confirm the ECU has collected the UIDs locally first.

ECU ID *

203256458451

Insert UID to Temporary List

UID TEMPORARY LIST

<input type="checkbox"/>	ID	ECU ID	UID	Type	Channel	Action
--------------------------	----	--------	-----	------	---------	--------

Back Submit

Note Replace Inverter: you need to go to the “REPLACE DEVICE ” page under ” USER

View Information

View information is required of new version EMA, the addition and management of view information is same as ordinary user.

Current User: sissitest009

DASHBOARD

MODULE

REPORT

HISTORY

REMOTE CONTROL

ALARM INFORMATION

DIAGNOSE

USER REGISTRATION

ACCOUNT DETAILS

ACCOUNT SECURITY

REPLACE DEVICE

BACK

PERSONAL INFO

ECU INFO

INVERTER INFO

GROUP VIEW INFO

UPLOAD PICTURE

GROUP VIEW INFO

Collect the view of PV system. In order to manage and maintenance the PV systems, please register the modules in accurate position according to the installations on the job.

VIEW LIST

+ Add

Delete

Export

<input type="checkbox"/>	ID	ECU ID	View Name	Input Number	Max Row	Max Column	Action
<input type="checkbox"/>	1	203256458451	view	2	1	2	Edit

Displaying 1 to 1 of 1 items.

<

1

>

Go

1

10

Upload Picture

It is used to save the uploaded installation drawings or system pictures. It is an optional item. The upload process is the same as the ordinary users.

Current User: sissi001

DASHBOARD

MODULE

REPORT

HISTORY

REMOTE CONTROL

DIAGNOSE

USER REGISTRATION

ACCOUNT DETAILS

ACCOUNT SECURITY

REPLACE DEVICE

Back

PERSONAL INFO

ECU INFO

INVERTER INFO

GROUP VIEW INFO

UPLOAD PICTURE

UPLOAD PICTURE

Collect the system picture and drawing picture of PV system.

SYSTEM PICTURE

Register system pictures,Users can view,add,edit,and delete these pictures.Format:png,jpg. Size:0-10M.

DRAWING PICTURE

Register drawing pictures,Users can view,add,edit,and delete these pictures.Format:png,jpg,pdf. Size:0-10M.

Shared ECU Sub User

Shared ECU sub-user information is similar to shared ECU master user information, including personal information, ECU information, Inverter information, view information, and upload pictures.

Current User: sissitest012

DASHBOARD

MODULE

REPORT

HISTORY

REMOTE CONTROL

ALARM INFORMATION

DIAGNOSE

USER REGISTRATION

ACCOUNT DETAILS

ACCOUNT SECURITY

UPGRADE ACCOUNT

PERSONAL INFO

ECU INFO

INVERTER INFO

GROUP VIEW INFO

UPLOAD PICTURE

PERSONAL INFO

We collect the Account Info and System Info in order to provide technical support and after sales service to you. Account Info means the account credentials. System Info means the address of PV system, the basic configuration of PV system.

Shared Master User : sissitest009 , Shared ECU ID : 203256458451

ACCOUNT INFO

Login Account *

1-60 bit letters,digits,underscores,@,spaces or.

sissitest012

Name *

sissitest012

Contact Email *

340@qq.com

Contact Phone - Optional

☐ Allow visitors to access to this system

Enabled this function, users can display this system on other websites through embedded services. Refer to [help] for operation details.

Note

The information management is similar to the ordinary user, except that the registration information of ECU ID and Inverter UID can be obtained by associating the registration information of the master user. After shared ECU sub-users purchase a new ECU as a private communication device, the installer can upgrade it from sub-user to ordinary user.

Current User: sisitest012

DASHBOARD

MODULE

REPORT

HISTORY

REMOTE CONTROL

ALARM INFORMATION

DIAGNOSE

USER REGISTRATION

ACCOUNT DETAILS

ACCOUNT SECURITY

UPGRADE ACCOUNT

Upgrade Account

Once the shared ECU sub-user bought a new ECU as his own communication device, installer can upgrade his account as a customer account.

Note: Upgrade operation can not be returned, please be careful.

UPGRADE ACCOUNT

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

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

OK

Incomplete Customer

Registration procedure may be interrupted due to special reasons. EMA will retain the unfinished registration information for the customers who can continue registering after completing other works. The procedure is the same as normal users. In the "Registration", search the unfinished registration customers in the "Incomplete Customer" list and follow the reminders to continue the registration.

APsystems
ALTENERGY POWER

USER LIST

REGISTRATION

SETTING

AP Designer

English | Settings | Sign out
APSEAdmin
Paris,Auvergne-Rhône-Alpes,France

ADD CUSTOMER

INCOMPLETE CUSTOMER

INSTALLER MANAGE

COMPANY MANAGE

LOCKED ACCOUNT MANAGE

INVERTER OPERATION

INCOMPLETE CUSTOMER

Continue to register the end user account whose registration process was interrupted.

INCOMPLETE END USER REGISTRATION

Customer Account

ECU ID/Storage No

Query

Export

System Type

Shared ECU users

Electric meter users

Energy storage users

ID	Customer Account	Name	Country / Region	State	City	System Size(KW)	System Type	Registration Date	Action
1	sisitest	sisit	France	Auvergne-Rhône-Alpes	999	2	Photovoltaic	2024-01-24	Delete

System Data Monitoring

The data monitoring content of the shared ECU is the same as normal users. The following tables list the differences between them.

Different Types Of User Login Monitor Content

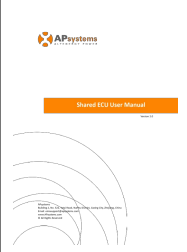
Objects	Sub User	Master User	Normal User
System energy	Only display the power generation data of the inverter which belongs to the current Shared ECU sub-user account	Display the power generation data of all the inverters under this ECU. When there are several ECUs, it is the summary value of all ECUs.	Display the power generation data of all the inverters under this ECU. When there are several ECUs, it is the summary value of all ECUs
Module	Only display the layout of the current Shared ECU sub user account view and the power generation data of corresponding component	Display the inverter layout view for all Shared ECU Sub User and the power generation data of corresponding component	Display the current user layout view and the power generation data of corresponding component
Report (including system overview, ECU level data, power generation data report download)	Only display the current Shared ECU Sub User's inverter power generation data and the corresponding environmental benefits	Display the all Shared ECU Sub User's inverter power generation data and the corresponding environmental benefits	Display all the inverter under the ECU power generation data and the corresponding environmental benefits, when there are several ECUs, it is the summary of the value
Setting (including system information, system information maintenance)	Only the current Shared ECU Sub User account basic information is displayed Only the historical data of the current Shared ECU Sub User system is displayed	Display the Shared ECU Master User account information Display the Shared ECU Master User's ECU history and all Shared ECU Sub User's inverter history data	Display user basic information Display system history

Installer Management Shared ECU Users

Object	Shared ECU Sub User	Shared ECU Master User	Normal User
User generation information: Such as system energy, component power, system reports, etc.	See “3.1 Different Types Of User Login Monitoring Content Difference”		
History (ECU history data, inverter history data)	Only displays the current Shared ECU Sub User's ECU and inverter history	Display the Shared ECU Master User's ECU history and all Shared ECU Sub User's inverter history data	Display system ECU and inverter history
Remote control	Both user actions operate on the entire ECU range		Acting on the entire ECU range
Diagnose	Only show the Shared ECU Sub User's information and working condition of the registered inverter	Display the Shared ECU Master User information, the working condition of the Shared ECU Sub User's inverter has been registered, and the report of the unregistered but have reported data inverter	Display system user information, the working condition of the inverter has been registered and the inverter has not been registered but reported data.

- Shared ECU User Manual (V2.0)

Documents / Resources

	APsystems Shared ECU Zigbee Gateway [pdf] User Manual Shared ECU Zigbee Gateway, Shared ECU, Zigbee Gateway, Gateway
---	---

References

- [APsystems | The global leader in multi-platform MLPE technology](#)
- [User Manual](#)

Manuals+. Privacy Policy

This website is an independent publication and is neither affiliated with nor endorsed by any of the trademark owners. The "Bluetooth®" word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. The "Wi-Fi®" word mark and logos are registered trademarks owned by the Wi-Fi Alliance. Any use of these marks on this website does not imply any affiliation with or endorsement.