

APsystems Energy Communication Unit ECU-R&ECU-B Quick Installation Guide

This guide is for reference only and applicable to APsystems energy communication units (ECUs) ECU-R and ECU-B. For more information about the settings and functions of ECUs, download the EMA Manager and read the detailed instructions in the user manual (available at www.APsystems.com).

Step 1: Connect cables.

- Connect the adapter to the power port of the ECU.
- Plug the adapter into a dedicated standard AC outlet.
- Make sure that the antennas are properly connected to the corresponding ports of the ECU.
 Scan the QR code to download our apps from the browser, register for an account, and
- initialize the ECU.

The EMA app is applicable to end users and DIY users, whereas the EMA Manager app is designed for professional installers.

You can also click this link to download the apps: http://q-r.to/1OrC



Step 2: Register for an account.

1. Connect your phone to the Internet, open the EMA app, and tap **New Account**. 2. Enter the required information in order and tap **Complete Registration**.

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APsystems	English	< New Account	< Account Info	Contact Phone - Optional	< Add ECU	< Add UID
		Account Info	We need you to provide your basic account information in order to create an account for you.		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	INVERTER INFO Collect the Inverter of PV system. UID is a 12-digit number located on the top of inverter, as well as on
			Account into	Installer Information	front flap of the shipping box.	the front flap of the shipping box.
EMA (For End User)		Account Info	Login Account * 1-60 bit letters,digits,underscores,@,spaces or.	Company Code - Optional Contact your installer to get the company code. Installer can login EMA Manager or EMA web	ECU for micro-inverter ECU for APstorage	ECU ID * 216200027261 ~
A Login Account		ECU Information	Password * Length 6-32 bits, must contain numbers and letters	portal, and get the company code in the 'Setting' page.	ECU ID * 12-digit number located on the top of ECU, or on the front flap of the shipping box. 216200027261	Add method * Add inverter id through scanning the 12-digits barcode. Scan ~
Password	~ _					
			Name *	Others	ECU Name Custom ECU name	
Forgot P Login	assword	Inverter Information	Country / Region * France ~	I declare that I read through and agree with the Terms of Service and Privacy Policy	demoEcu	Next
New Account			State / Province * Auvergne-Rhône-Alpes ~	I declare that I am an adult above 18 years old.	ок	
Demo List Local Acce		Complete Registration	City *	Allow APsystems to Send New Productions, Services, Meetings and Marketing News		
			Module Maximum Power(Pmax) (W) * 200-1000	ОК		
Copyright © Altenergy Power System All Rights Reserved	m Inc.2023.		Contact Email *			

Step 3: Initialize the ECU.

1. Switch your mobile phone connection to the Wi-Fi hotspot of the ECU to be initialized. 2. After account registration, tap **Initialize ECU** to start ECU initialization. 3. Configure the settings for inverter binding and network configuration. Wait for the network binding of the inverter to complete. When the binding progress reaches 100%, ECU initialization is complete. You can check the binding progress by tapping **Inverter > Network**. This process may take some time depending on the number of inverters and the installation environment.

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Step 1: Press the AP button on the side of the EU to turn on the AP hotspot: Step 2: Switch the mobile photon network and connect to the AP hotspot: AP hotspot name with ECU ID.	WI-FI WI-FI ECUL R_216200027261 COLONGING SAVED NETWORKS S. apsystems-ECU S. APsystems-ECU S. APsystems-ESS O	Step 1: Inverter binding With the Binding' button to send the inverter binding button to send the inverter binding with the inverter binding with the inverter binding with the inverter binding with the inverter binding but the	Step 2: Network Configuration Current ECU 216200027261 Using wired network to configure the network Using wiredess network configure on NETGEAR21 @ == WirFI Password @ Setting	Step 2: Network Configuration Current ECU 218200027261	Power Network Alarm EUJ: 21620027251 43x • UID Network Signal 1 705000050246 - - 2 705000050254 - -
Confirm that the mobile phone is connected to the ECU hotopot	HIP-HIMITED-LASERJEIT HIS MIPP O NIETGEAR21 O NIETGEAR21-56 M O AVAILABLE NETWORKS Refresh O DIRECT-27-HIP M203 LaserJet O	Binding	Skip Select the router to connect and enter the password		CU Inverter Setting

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Step 4: Perform remote or local monitoring.

Remotemonitoring: After you log in to your registered account, you can monitor the system remotely. Local monitoring: Connect to an AP hotspot and tap **Local Access** to monitor the system locally.

FAQs

Q: If I enter a wrong inverter UID or the inverter needs to be replaced, how do I modify the inverter UID registered on the ECU?

A: Log in to your EMA account, and tap Local Access > Setting > Link Inverters. On the page that appears, you can delete the inverter UID to be modified and add new UIDs. Tap Binding to complete the binding of the new inverter. If the wrong inverter UID has been registered to a user account before replacement binding, contact the distributor or APsystems to update the account information.

Q: What do I do if I cannot tap ECU Information or Inverter Information when I register for an account?

A: You need to enter the account information, ECU information, and inverter information in order.

Q: What do I do if the system prompts that the registration fails after I tap Complete Registration?

- A: Check whether your phone is switched to a 4G/5G network or connected to a router.
- Q: What do I do if the system fails to find a device connection during ECU initialization?
- A: Make sure that your phone is connected to the Wi-Fi hotspot of the ECU to be initialized.
- Q: How do I check whether Wi-Fi pairing is successful during initialization?

A: You can check whether the network connection is successful on the Network Configuration page.

Product information is subject to change without notice. (Please download manuals at www.APsystems.com)



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