

### **EMA APP User Manual (PV Version)**

V8.7.0

#### APsystems EMEA

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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.

### **1.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

# 2.1 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)



#### 2.1.1 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.

11:27 🔷 🗟	50 11:26 🐨 🗺
Account Info	< Account Info
e need you to provide your basic personal ormation in order to create an account for you. ccount Info	Contact Email • 138999@qq.com
Login Account * 1-60 bit letters,digits,underscores,@,spaces or. Ywuu262	
Twdd/02	Installer Information
Password • Length 6-32 bits, must contain numbers and letters	<b>Company Code</b> - Optional Contact your installer to get the company code.
Name * Ueyi	
Country / Pagion *	Others
United States ~	I declare that I read through and agree with the Terms of Service and Privacy Policy
Others V	I declare that I am an adult above 18 years old.
City * Jiaxing	Allow APsystems to Send New Productions, Services, Meetings
Module Maximum Power(Pmax) (W) * 200-1000	and Marketing News
258	
Contact Email *	ОК

#### Note

#### **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.

#### 2.1.2 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.



#### 2.1.3 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.



> Click "Complete Registration" to complete.



# 2.2 Login

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

13:56		<b>∻ 6</b> 4
APs	ystems	English
	(For End User)	
	A Login Account	
	Password ©	
	Forgot Password	
	Login	
	New Account	
	Demo List   Local Access	

### 2.3 Reset 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, and return to the APP to verify the information,
- > Enter the new password and click "Finish" to complete.



# **3.System Configuration**

# **3.1 ECU Initialization**

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

#### Note

When configuring the ECU, you need to switch the mobile phone network to the ECU hotspot. The default password for the ECU hotspot is 888888888.

#### 3.1.1 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.



# **3.System Configuration**

#### **3.1.2 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.



### **3.System Configuration**

### 3.2 ECU Setting

15:22 <	Setting						
Ver		41 _2.1.12					
Link Invert	ters	>					
Config Ne	Config Network						
Reset AP	Password	>					
Language		English >					
	Exit						
ECU	Inverter	ැටූ Setting					

### **4.Data Monitor**

### **4.1 Remote Monitor**

#### Note

Remote monitoring requires logging in to an EMA account.

#### 4.1.1 Home

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



### **4. Data Monitor**

#### 4.1.2 Module

"Module" displays the system module level operating status;



### **4.Data Monitor**

#### 4.1.3 Data

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



### **4.Data Monitor**

# 4.2 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 888888888.

#### 4.2.1 ECU

"ECU" displays the real-time operating status of the system and the system's environmental benefits;



### **4. Data Monitor**

#### 4.2.2 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.

15:37		<del>হ</del> 79 <del>/</del>	15:33			<b>₹ 79</b> 4	15:37			<b>₹ 1</b> 79 <del>1</del>
			<				<		verter	
Power	Network	Alarm	Pov	wer Net	work	Alarm	Pow	/er Ne	twork	Alarm
ECU: 216200	048041		ECU	: 2162000480	41		ECU:	2162000480	041	
UID: 7030003	34821		-	UID	Network	Signal		UID	Ala	rm
channel 1:1Wchannel 2:388WUID: 902009050003channel 1:864Wchannel 2:921Wchannel 3:921Wchannel 4:880W			1 2 3 4 5	703000334821 902009050003 902009050002 901009051006 901009051007	ок ок ок ок	al al al al	1 90200000002 OFF GRID   2 902000000002 1-channel no panel   3 902000000002 2-channel no panel   4 902000000002 3-channel no panel   5 902000000002 4-channel no panel   6 90200000002 Output fault		GRID no pane no pan no pan t fault	
UID: 9020090 channel 1: channel 2: channel 3: channel 4:	50002	900W 923W 923W 881W								
C↓ ECU	Inverter	ැටු Setting	(L EC	CU Inve	<u>-'</u> erter	ැබූ Setting	É EC	ີງ ບັນ	Verter	ැටු Setting

# **5.App Setting**

# 5.1 Language

You can switch the language on the "Login" page and "Setting" page.

15:0	6	🗢 (82)	15:22		r (1)	17:21			
APsystems English			< Setting			Settings			
	/			L		Account De Account Se	etails ecurity		>
	EMA (For End User)		Vers	21620004804 ion:ECU_R_PRO_	.1 2.1.12	Night Mode	e		0
			Link Inverte	ers	>	Benefits Ca	alculator		>
		-	Config Net	work	>	Language			>
	🛱 Password 😽		Reset AP P	assword	>	About			• >
	Forgot Passwor	đ							
	Login		Language		English >		Logout Curre	nt Account	()
	New Account			Exit					
	Demo List   Local Access								
			CU	Inverter	ठिउ Setting	1 Home	Module	Data	Settings

# **5.App Setting**

# 5.2 Night Mode

The App interface can be switched to night mode.



13:21			穼 29						
Settings									
Account De	tails		>						
Account See	curity		>						
Night Mode		_							
Benefits Ca	culator		>						
Language			>						
About			• >						
Lo	ogout Cur	rent Account							
<b>☆</b> Home	Module	∠ Data	<b>کی</b> Settings						
	-								