



Version 2.0

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EMA APP(V1.0)





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# Introduction

EMA App is an energy monitoring application for smart phones, designed for end users of APsystems Microinverter Products. Users can check the real-time performance, historical power output, and environmental benefits of their PV systems.

## 1. Login EMA App

## 1.1 Install APP

Android:

- > Open https://apsystems.com
- > Select your region
- Click the tab menu "Apps" below "Products"
- > Download App for Android

Note:

EMA App requires Android 5.0 or above

IOS:

> In programming and wait to publish

## 1.2 Login EMA App

- > Input username and password
- Click "Login"



Once you login EMA App successfully, the app will login your account automatically the next time you open it when you have not logout you account.

The App's default language is English. See "2.1.1 Set Language" to change the language.

## 2. Function

## 2.1 Settings

## 2.1.1 Set Language

- Login EMA App
- Click "Language" in page "Settings", change the language

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	Sett	ings		<	Language	e
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Benefits C	Calculator		>	中文		
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1 Home	Module	Data	Settings			

Once the language is changed, EMA App will turn to page "Home" automatically.

### 2.1.2 View Account Information

Click "Account" in page "Settings"。

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Settings	< Account
Account	User Information
Night Mode	Username TIC
Benefits Calculator	Realname TIC
Language	Email emasupport@altenergy -power.com
About EMA	Country China
	State ZheJiang
Logout Current Account	City JiaXing
	Address 1 Yatai Road
	Telephone 057383986967
	Device Information ECU:203000000746 Asia/Shanghai
Home Module Data Settings	Installer Information

## 2.1.3 Set Night Mode

Switch On "Night Mode" in page "Settings"



## 2.1.4 Calculate Benefits

- Click "Benefits Calculator" in page "Settings"
- > Input the price per kWh

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< Be	< Benefits Calculator				
Enter the price of per kWh					
	ОК				
	Power	Benefits			
Today	14.98				
Month	328.35				
Year	4005.14				
Lifetime	25.3K				

### 2.1.5 View EMA App's Description

Click "About EMA" in page " Settings"



#### Introduction

EMA App is an energy monitoring application for smart phones, designed for end users of APsystems Microinverter Products.Users can check the realtime performance, historical power output, and environmental benefits of their PV systems.

#### Main Function

Display the system realtime output.

Dynamically switch from PV systems historical output to environmental benefits.

Monitor and review system output by Day,Month,Year and Lifetime of the PV array.

Monitor module running status, including Power by Day, Daily Energy in 30 Days and Panel information.

Display the registration information, equipment profile and installers' contact information of the PV systems.

#### **Privacy Policy**

## 2.1.6 Logout EMA App

Click "Logout Current Account" in page "Settings"

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Account	>
Night Mode	
Benefits Calculator	>
Language	>
About EMA	>
Logout Current Accou	unt





Data

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## 2.2 Home

You can view a summary information of your PV system, containing the real-time power, the system's capacity, today's energy, total energy and CO2 reduction.

### 2.2.1 View Real-time Power

- > Turn to page "Home"
- > The Real-time Power is shown in the power ball



## 2.3 Module

You can view the running details of each module in the manual view or auto view, containing the power generation in day and the daily energy in 30 days. Also you can click one of them to get the module details.



> Resize the modules by the move gestures through two fingers.

### 2.3.1 View the Details of Module

Click one of the modules to get the details.



### 2.3.2 View the Production of Module

- 1) View the power generation in day
- > Click 🛗 to select the date
- > Click the play or pause button to adjust the play progress, or drag the

slider to fast forward

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	Module	
31 3 39 75	0 0 43	75
77 46 79 41	40 75 40	79
Cancel		ОК
2015	05	27
2016	07	28
2018	09	30
2019	10	31

- 2) View the daily energy in 30 days
- > Click 🔲 to select "Daily Energy in 30 Days"
- > Click iii to select the date
- > Click the play or pause button to adjust the play progress, or drag the

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#### slider to fast forward

#### Note:

You can change the ECU or view if your system has more ECUs or view<u>s</u>.

## 2.4 Data

You can view the power generation of PV system in lifetime.

### 2.4.1 View the real-time data

- > Turn to page "Data"
- > Select the date

Move onto the curve to get the details of one point, containing the time, energy and power. Click the left or right arrow surround the date line to change the date.



You can change the ECU if your system has more ECUs

### 2.4.2 View the statistical data

- Switch the menu "Day" , "Daily" , "Monthly" , "Yearly"
- > Select the date
- > Move onto the curve or column to get the details.

Day: Power generation of the day

Daily: Daily energy in 30 days before the selected date

Monthly: Monthly energy in 12 months before the select<u>ed</u> date.

Yearly: Yearly energy in lifetime



