

# EMA APP User Guide

**Version 1.0**

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[APSmicroinverter.com](http://APSmicroinverter.com)

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## Introduction

The EMA APP is a mobile energy monitoring application designed to be used by owners of APS microinverter products. Users can check the real-time performance, historical power output, and environmental benefits of their PV system from their mobile device.

### Software Requirements:

- iOS 7.0 or later / Android 4.0 or later
- An APS EMA account (check with your installer if you do not have a registered EMA account)

# Download and Login to the EMA APP

## Download the EMA APP

IOS:

1. Search for EMA APP in the Apple App Store.
2. Download the EMA APP.

**Note:** the EMA APP requires iOS 7.0 or later

Android:

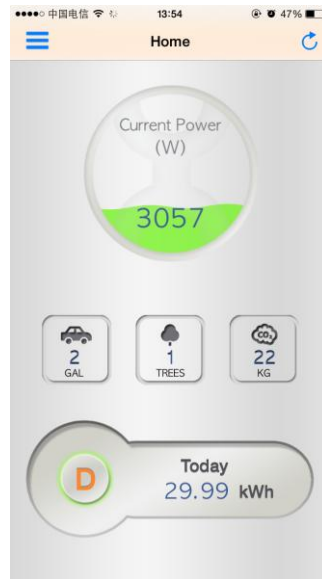
1. Login [www.apsystems.com](http://www.apsystems.com)
2. Choose your area below [Worldwide Locations] in the right upper corner
3. Select [Library] below [Resources]
4. Download the EMA APP.

**Note:** the EMA APP requires Android 4.0 or later

## Login

1. Enter your EMA account Username and Password.
2. Select the "Login" button.

**Note:** The EMA APP saves your Username and Password the first time you log in.



## Functionality

### To View Real-time Output Power

1. Login to the EMA APP.

The Home page is displayed.

- Current power (in Watts) is displayed in the “Power Ball”
- Environmental Benefits (Gallons of gas, Trees, and CO2 emissions)
- Power Scale Indicator (Day, Month, Year, Lifetime)

Power Ball

Environmental Benefits



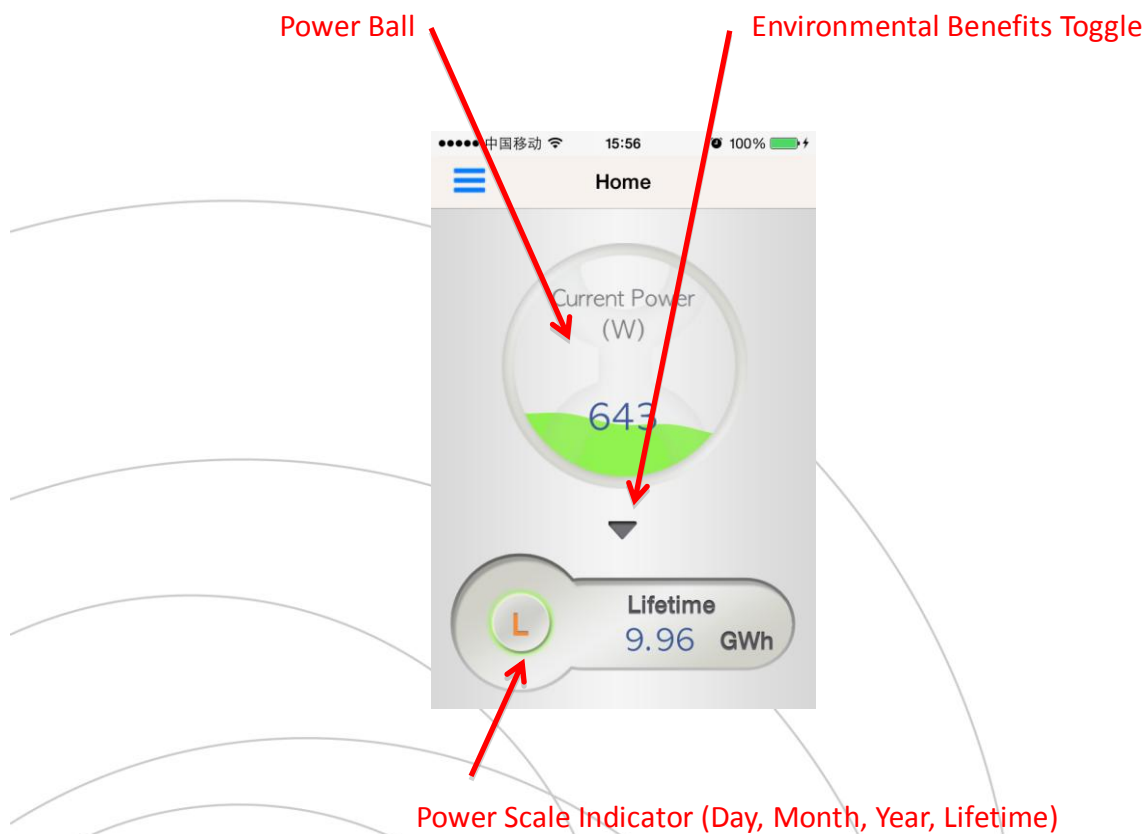
Power Scale Indicator (Day, Month, Year, Lifetime)

## To View Real-time Output Power (iPhone 4 and 4s)

1. Log in to the EMA APP.

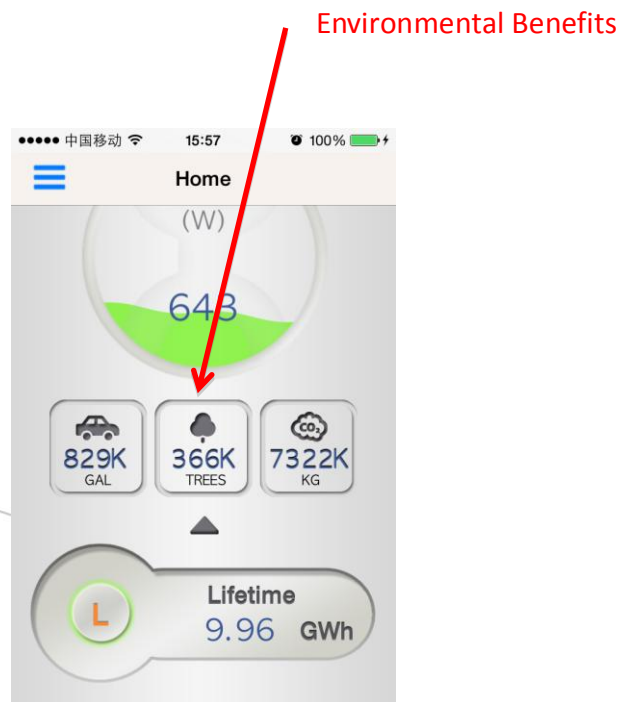
The Home page is displayed.

- Current power (in Watts) is displayed in the “Power Ball”.
- Environmental Benefits (Gallons of gas, Trees, and CO2 emissions)
- Power Scale Indicator (Day, Month, Year, Lifetime)



2. Click on the *Environmental Benefits Toggle* to view the environmental benefits.

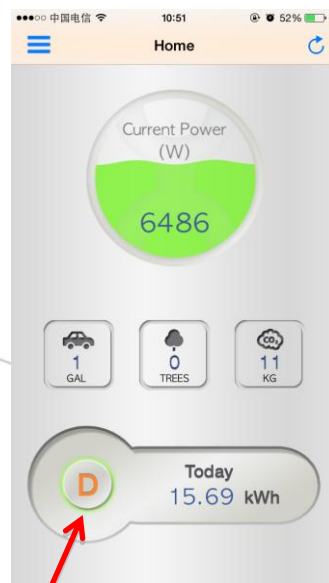
The environmental benefits are displayed.



**Note:** You can toggle the environmental benefits on and off, allowing you to manage the display.

## To View Historical Output Power and Environmental Benefits

1. Log in to the EMA APP.
2. Click the “D” button inside the *Power Scale Indicator* to toggle between D = Day, M = the 30-day period prior to “Today”, Y = the 12-month period prior to “Today”, L = Lifetime power production.

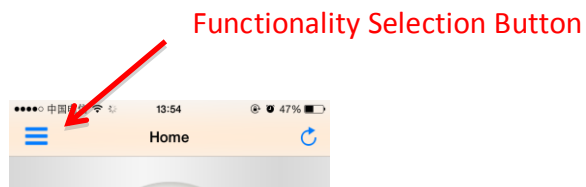


Power Scale Indicator (Day, Month, Year, Lifetime)



## To View System Performance

1. Click on the *Functionality Selection* button in the upper left corner of your display.



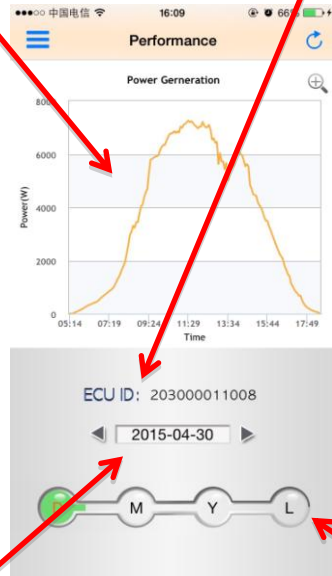
2. Select *Performance*.
3. Click "*Date*" button, and select the date to view.
4. Click the "*zoom*" button to display the Performance Graph by full screen.



The performance graph for the selected date is displayed.

Performance Graph

ECU ID



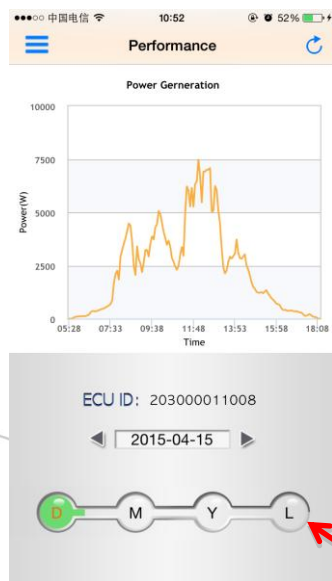
Specified Date

Power Scale Indicator  
(Day, Month, Year, Lifetime)

**Note:** The two arrows on either side of the specified date can be used to select days to either side of the specified date.

## To View Historical System Performance

1. Login to the EMA APP.
2. Select the button inside the *Power Scale Indicator* to toggle between D = Specified Date, M = the 30-day period prior to the Specified Date, Y = the 12-month period prior to the Specified Date, L = Lifetime power production.

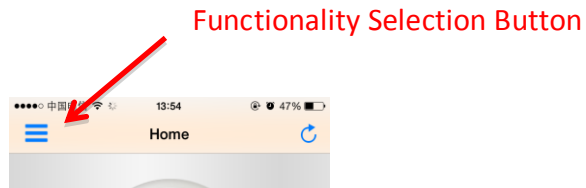


Power Scale Indicator  
(Day, Month, Year, Lifetime)

# Settings

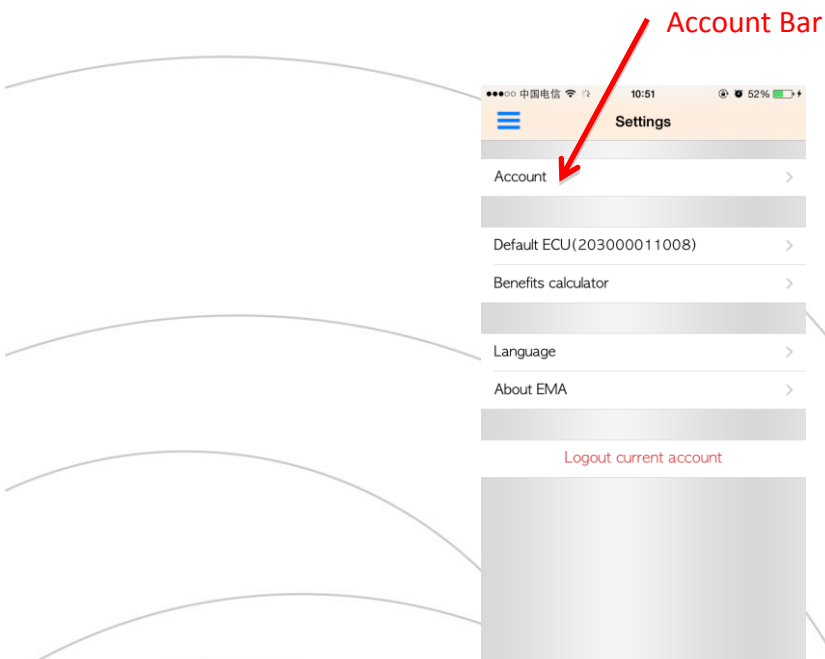
## To View Account Information

1. Click on the *Functionality Selection* button in the upper left corner of your display.



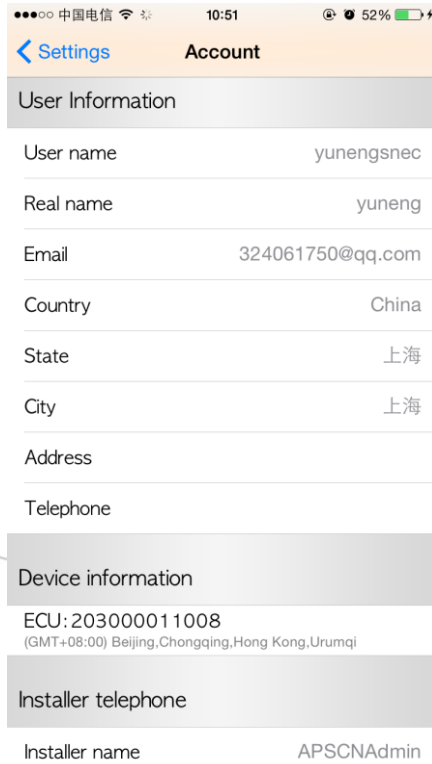
2. Select *Settings*.

The Settings page is displayed.



3. Select *Account*.

The Account page is displayed.



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< Settings Account

User Information

User name	yunengsne
Real name	yuneng
Email	324061750@qq.com
Country	China
State	上海
City	上海
Address	
Telephone	

Device information

ECU: 203000011008  
(GMT+08:00) Beijing, Chongqing, Hong Kong, Urumqi

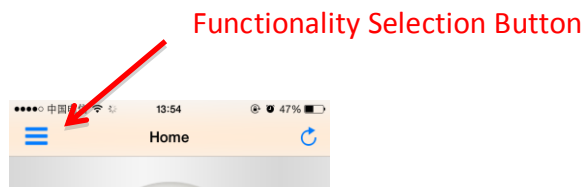
Installer telephone

Installer name	APSCNAdmin
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## To Set the Default ECU

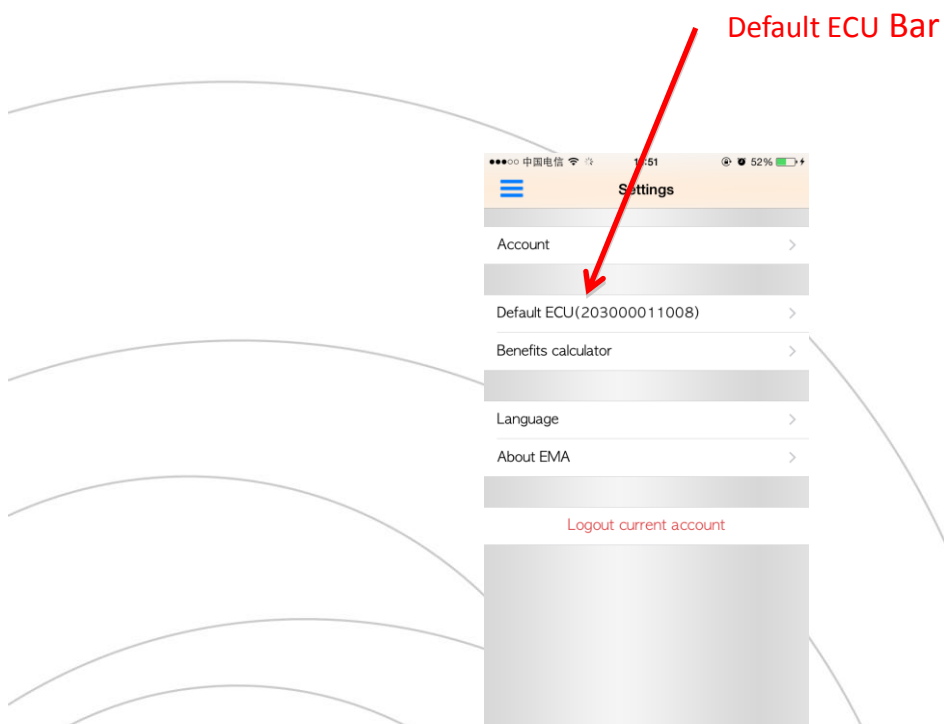
If you have multiple ECUs, you can set which one the EMA APP is displayed as the default.

1. Click on the *Functionality Selection* button in the upper left corner of your display.



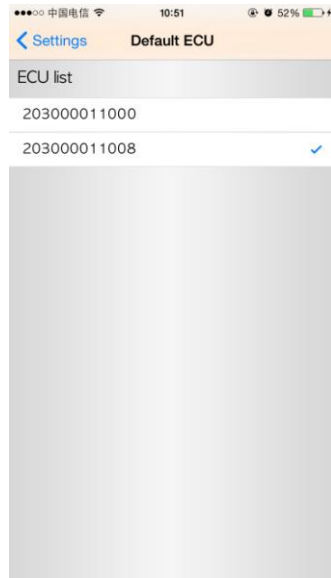
2. Select *Settings*.

The Settings page is displayed.



3. Select *Default ECU*.

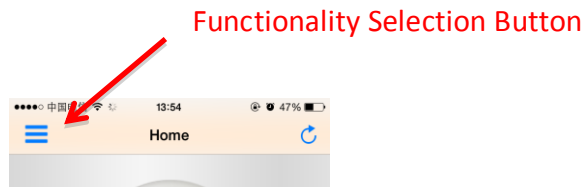
The Default ECU page is displayed.



4. Select the ECU you want displayed as the default.

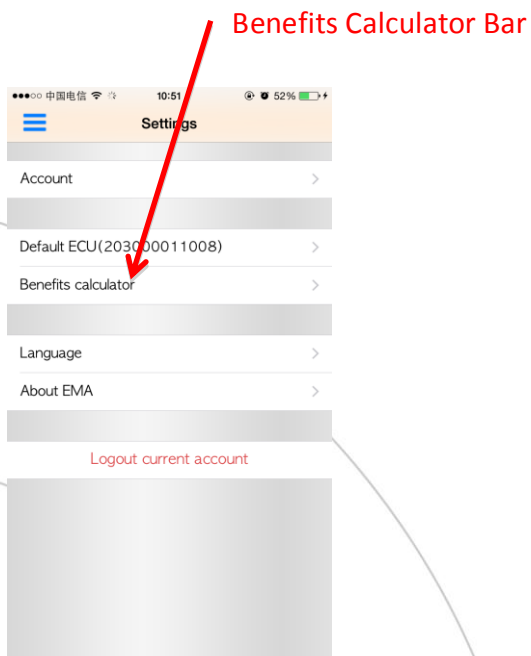
## To Set and View the Financial Benefits Calculator

1. Click on the *Functionality Selection* button in the upper left corner of your display.



2. Select *Settings*.

The Settings page is displayed.

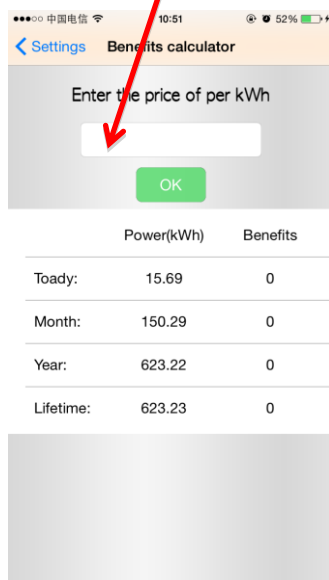


3. Select *Benefits calculator*.



The Benefits calculator page is displayed.

Price per kWh field

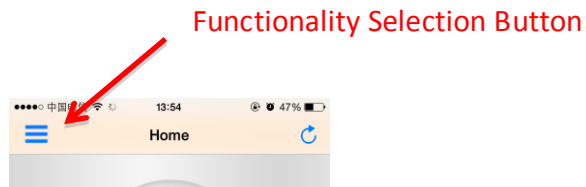


	Power(kWh)	Benefits
Today:	15.69	0
Month:	150.29	0
Year:	623.22	0
Lifetime:	623.23	0

4. Enter the price per kilowatt hour from your local utility.
5. Press "OK".

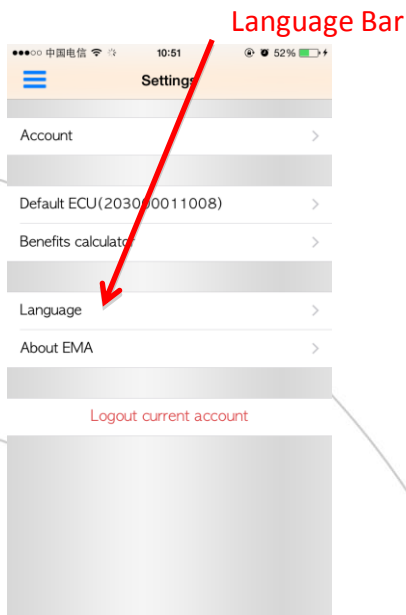
## To Set the Default Language

1. Click on the *Functionality Selection* button in the upper left corner of your display.



2. Select *Settings*.

The Settings page is displayed.



3. Select *Language*.

The Language page is displayed.

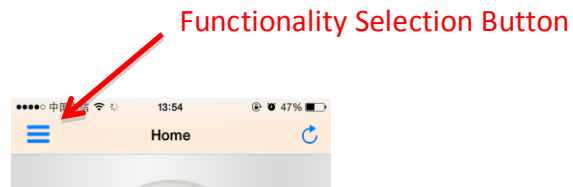


4. Select the language you want set as the default.

**Note:** The application automatically returns to the main home page once a default language has been selected.

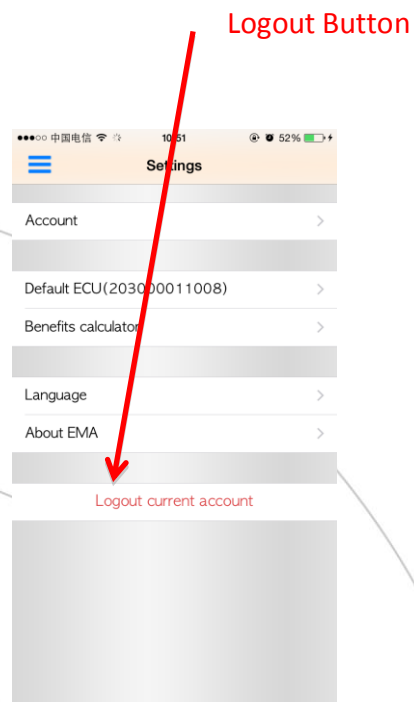
## To Log Out of Your Account

1. Click on the *Functionality Selection* button in the upper left corner of your display.



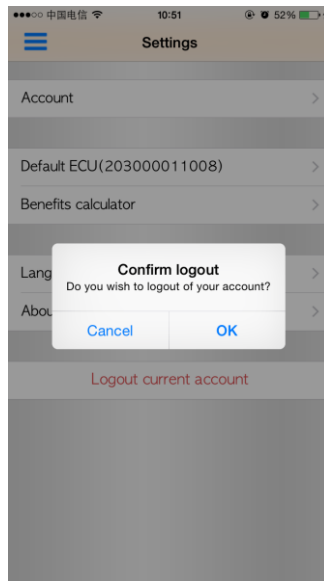
2. Select *Settings*.

The Settings page is displayed.



3. Select *Logout current account*.

The Logout Confirmation page is displayed.



4. Press "OK" to confirm logout.