



## Energy Monitoring & Analysis (EMA) System Instructions

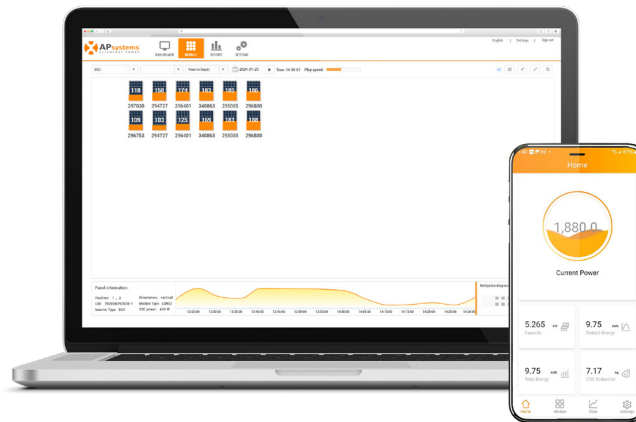
Your Username :

Password: password1

*Please be advised the production observed from the monitoring results, is the total generation from your solar system. The credit on your power bill only reflects part of this generation. With net-metering, the electricity generated from the solar energy system is first used to offset any household electrical consumption. Any excess electricity which is not used by the household is then sent to the electrical grid; the excess electricity sent to the electrical grid is returned to you in the form of a credit.*

### 1. What is EMA system?

The APsystems Monitor (Energy Monitoring & Analysis) gives you round-the-clock performance data through any web-enabled device – even your smart phone – anytime, anywhere. Please login using your username and password on <http://www.apsystemsema.com/> you will see a web page like this:



### Login Instructions: Website Access

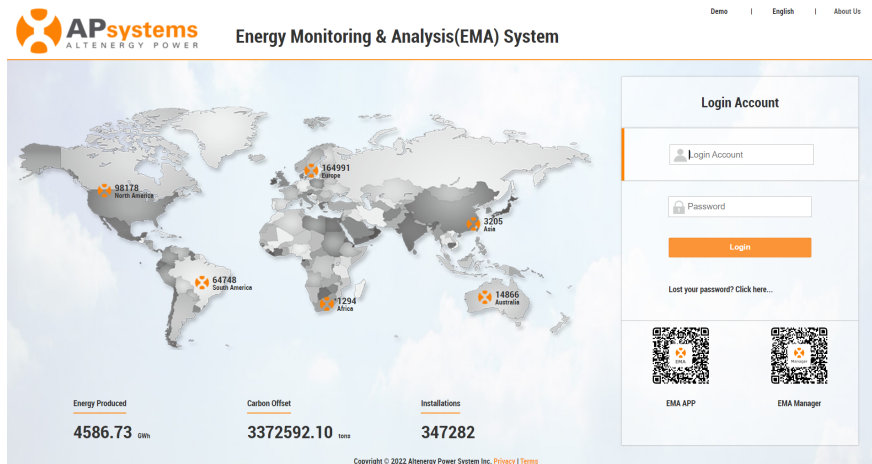
#### Step 1

Go to the Energy Monitoring & Analysis(EMA) System Main Page:  
<https://apsystemsema.com/ema/index.action> .



## Step 2

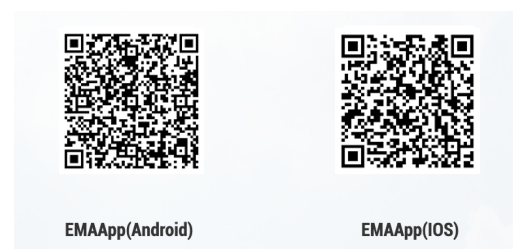
Type in Username and Password in the Login Box and Then Select Login.



## Login Instructions: Mobile Application

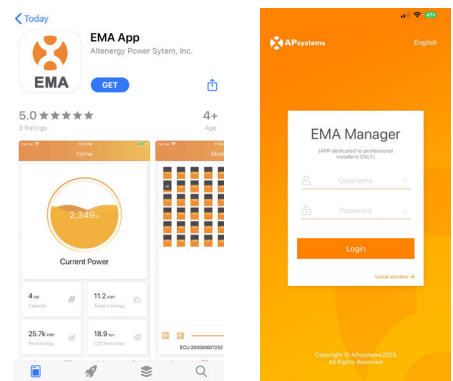
### Step 1

Download the mobile App from the Google Play or Apple Store by searching “EMA App” or scanning one of the QR Codes.



### Step 2

Type in Username and Password in the Login Box and Then Select Login.



## 2. Where can I get an immediate indication of my system’s status?

Your system’s status is indicated on the upper left corner of the web page of your EMA.

- Indicates your system is operating and reporting as expected.
- Indicates your system is NOT operating and reporting as expected. Check your ECU to see if you can isolate the problem. If not, contact your installer.



### 3. How can I quickly view the environmental benefits of my system?

- 1) Make sure you are on your “Report” page by selecting the Report icon at the top of the web page.
- 2) The environmental benefits of your system are displayed on the top of this page. They include; Gasoline Offset, Equivalent Trees Planted, Reduced Carbon, and the Equivalent lights.

### 4. How can I view my system’s production?

- 1) Make sure you are on your “Dashboard” page by selecting the Dashboard icon at the top of the web page.
- 2) Your system’s production output is graphed in the left hand frame. The production is measured in Watts (W or kWh).

Note: The production can be viewed by “Current Power Curve”, “Daily”, & “Monthly”.

### 5. Can I view a previous time period’s production? Yes.

- 1) Make sure you are on your “Report” page by selecting the Report icon at the top of the web page.
- 2) Click the “ECU DATA” icon on the left hand side of the page.
- 3) Select the time period you want to view by clicking on the query date.
- 4) Click on “Query” button.

### 6. Why is my system reporting “No Data”?

Typically, “No Data” is an indicator of a communication problem in the system. In most cases, your panels and inverters are producing power, but are failing to communicate their status to the ECU.

- 1) Check the ECU to make sure that its Internet connection is functioning as expected.
- 2) Check the entire system to make sure all wiring/cabling connections are correct and secure.
- 3) Contact your installer if number 1 and/or 2 above do not correct the problem.

### 7. How do I view the performance of a specific PV module?

- 1) Make sure you are on your “Module Performance” page by selecting the MODULE PERFORMANCE icon at the top of the web page.
- 2) Each PV module in your array is represented by a rectangle.
- 3) The numbers in each rectangle indicate output power (in Watts) for each PV module at a given time. You’ll notice that these numbers change during the course of a day.

### 8. How do I change my personal information?

- 1) Go to your “Setting” page by clicking on the Setting icon at the top of the webpage.



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