# EMA App

Version 2.0

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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:

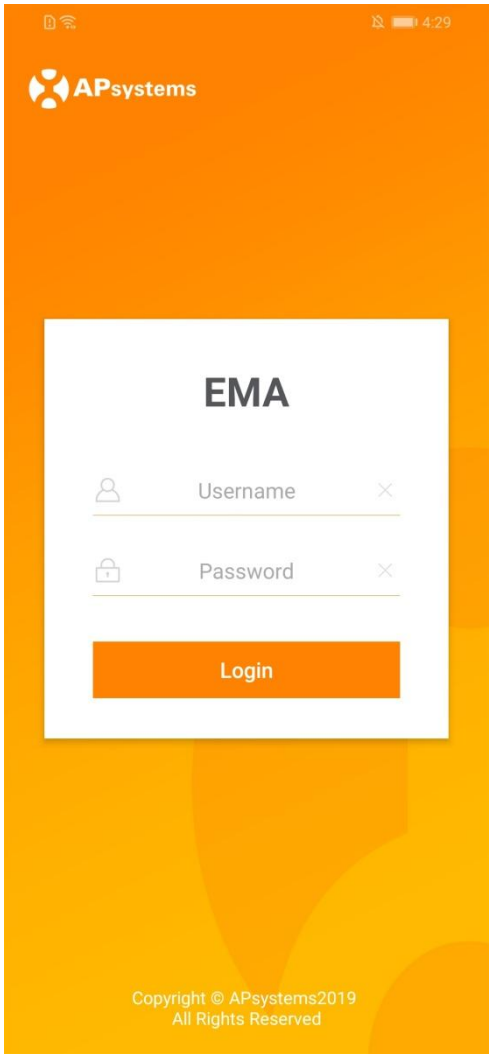
  EMA App requires Android 5.0 or above

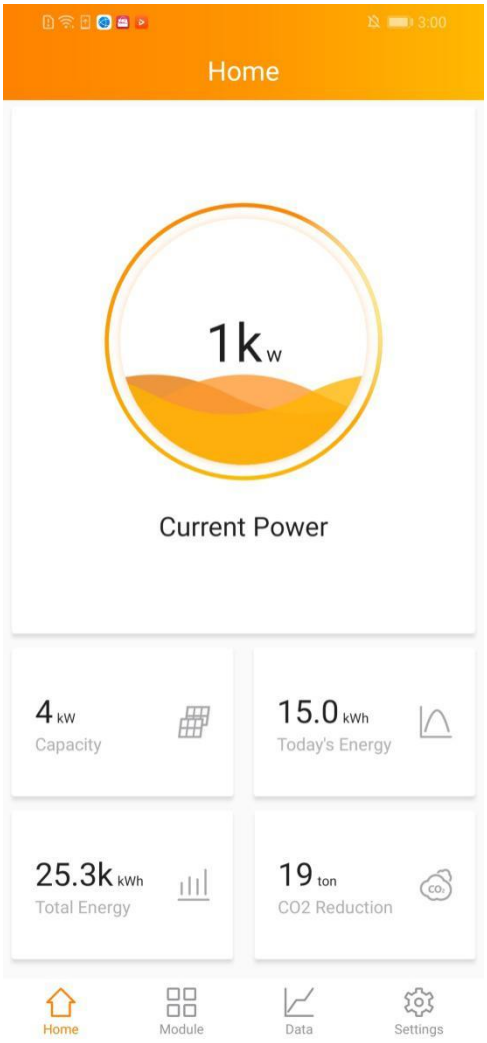
IOS:

- In programming and wait to publish

## 1.2 Login EMA App

- Input username and password
- Click "Login"




**Note:**

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.

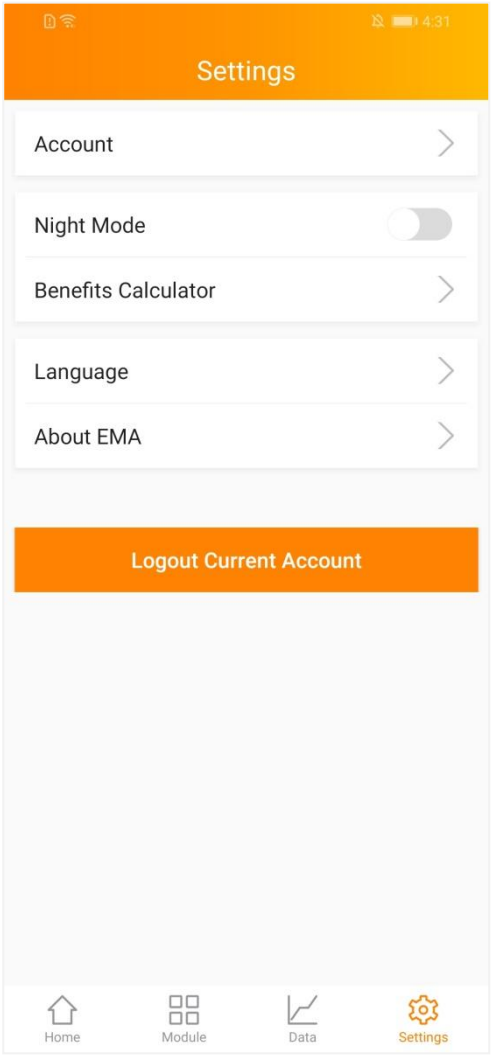
The App's default language is English. See "2.1.1 Set Language" to change the language.

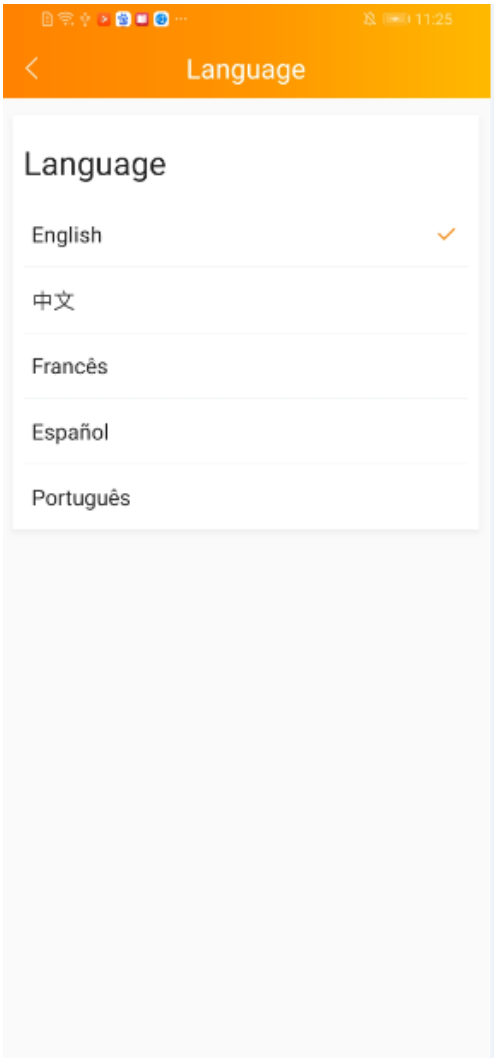
# 2. Function

## 2.1 Settings

### 2.1.1 Set Language

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



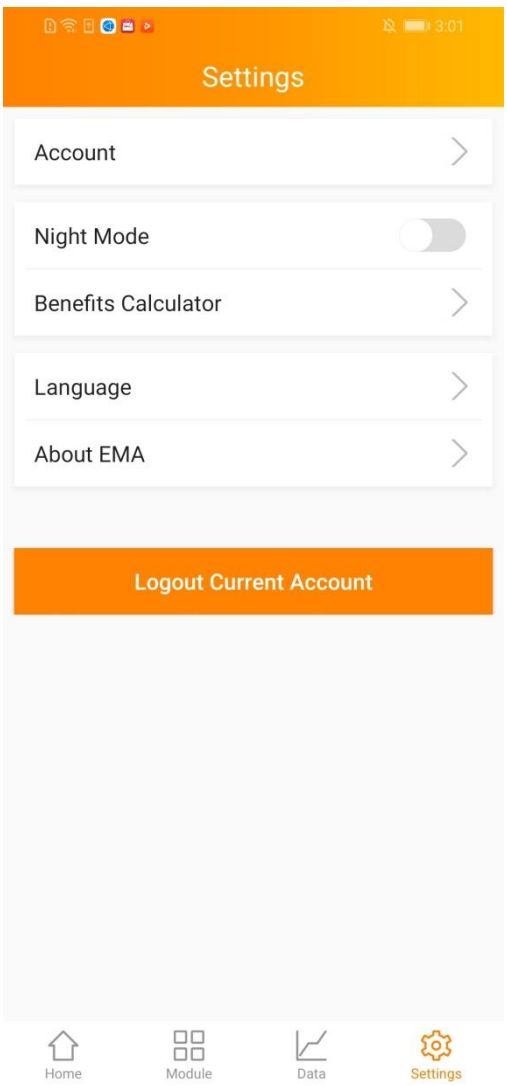



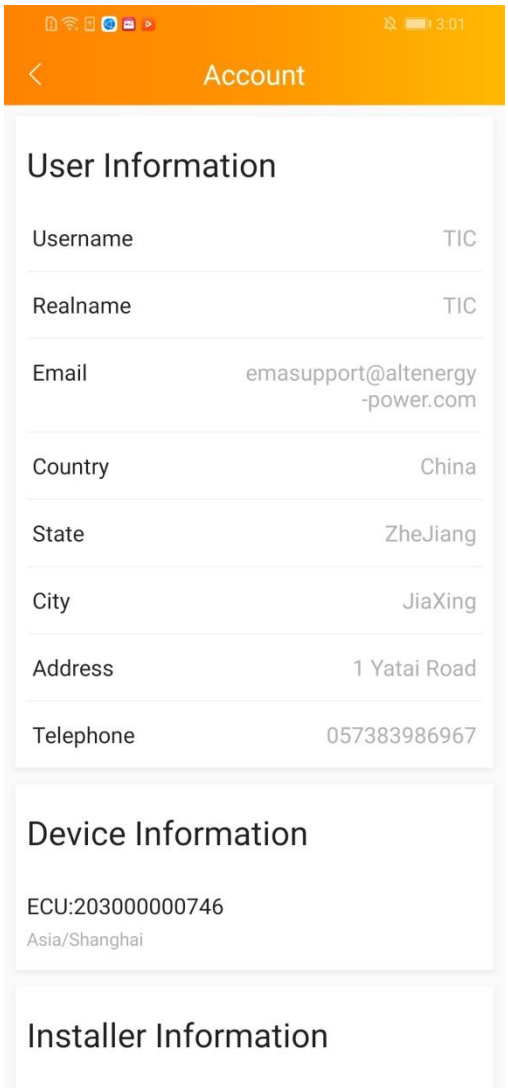
**Note:**

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

## 2.1.2 View Account Information

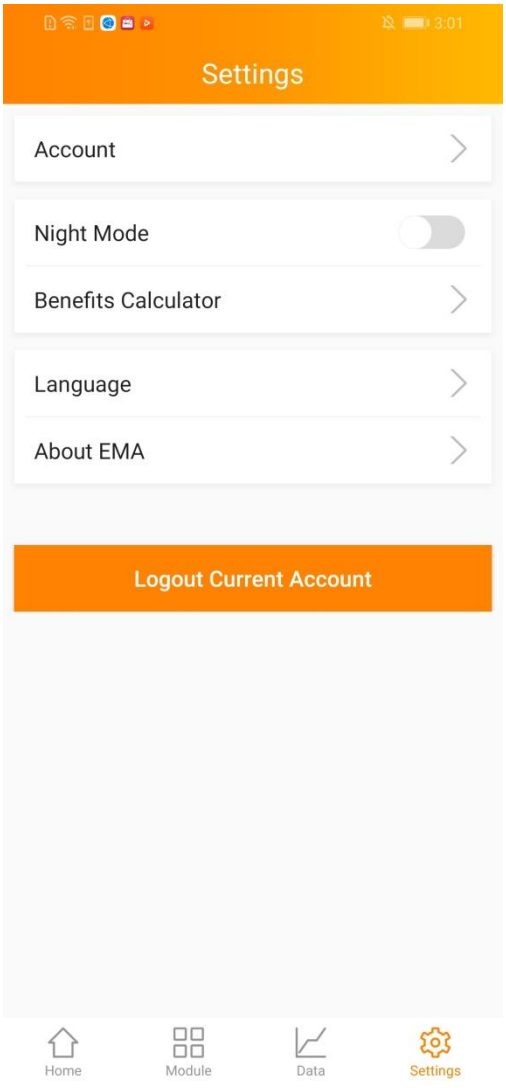
- Click "Account" in page "Settings"。

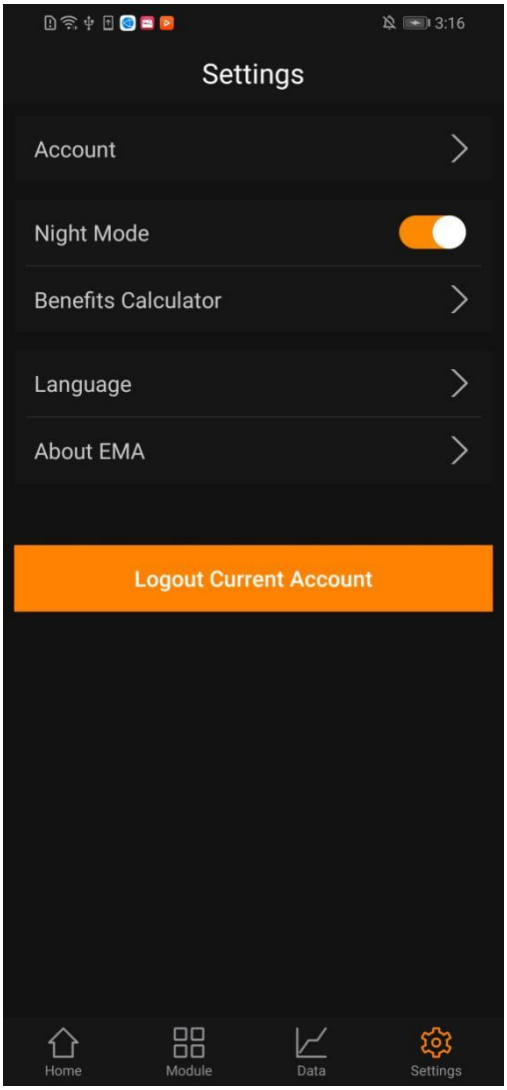


## 2.1.3 Set Night Mode

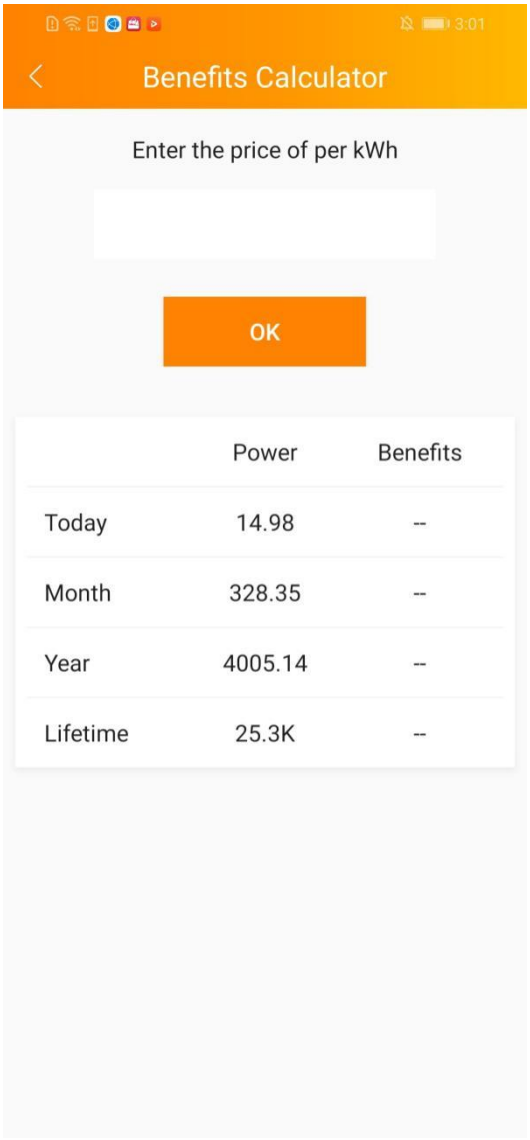
➢ Switch On "Night Mode" in page "Settings"



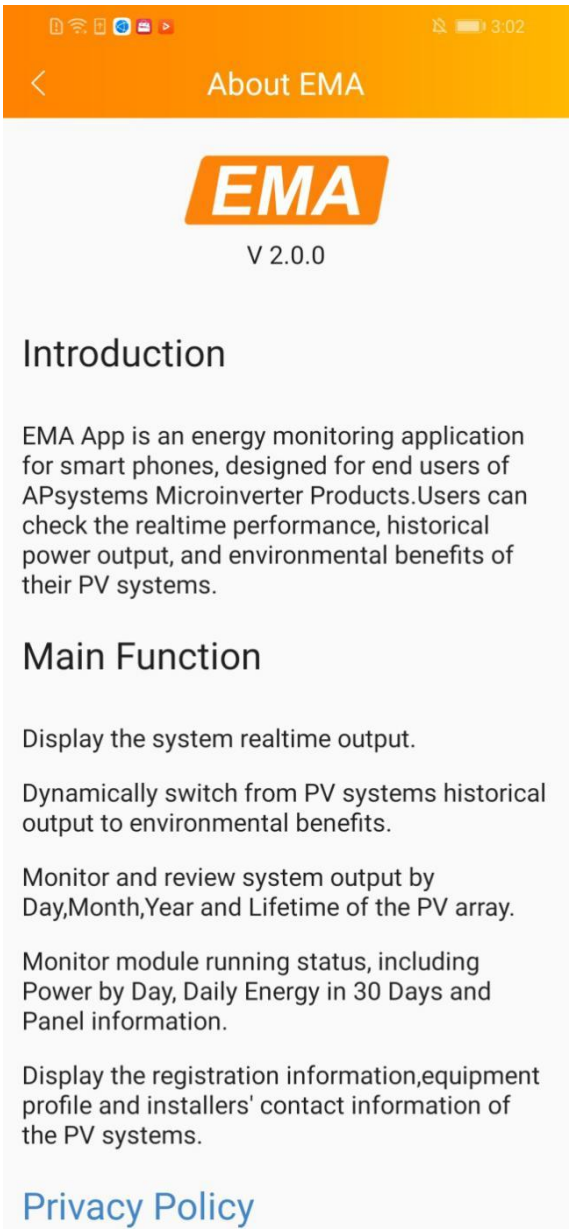
## 2.1.4 Calculate Benefits

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



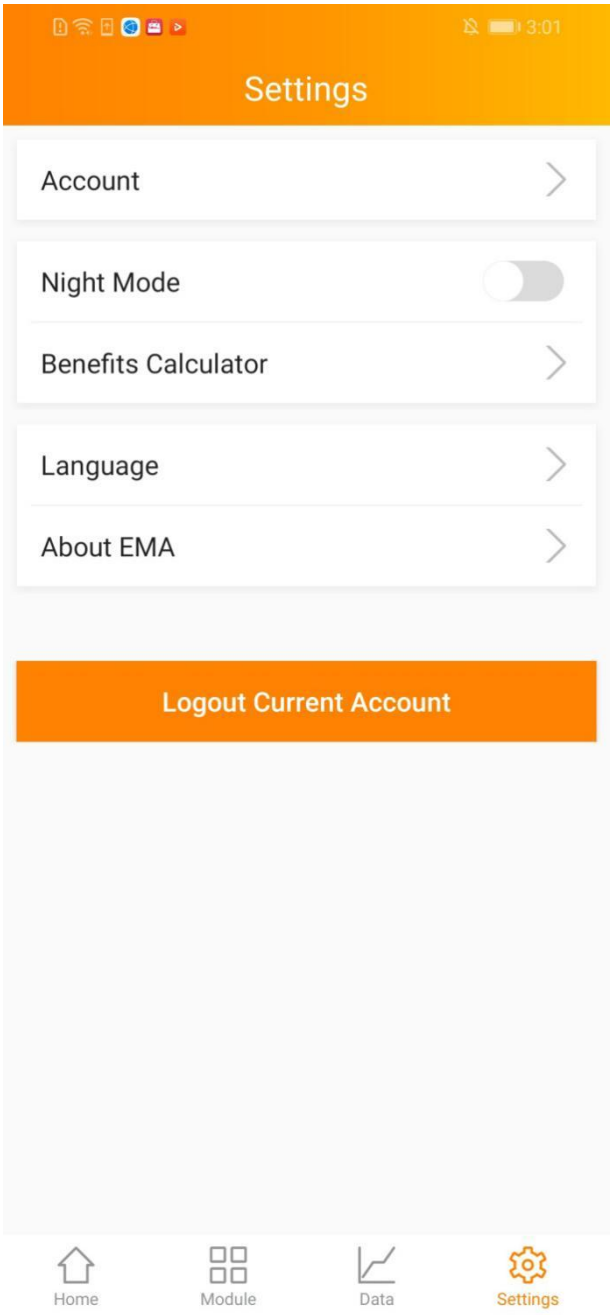
## 2.1.5 View EMA App's Description

- Click "About EMA" in page " Settings"



## 2.1.6 Logout EMA App

- Click "Logout Current Account" in page "Settings"

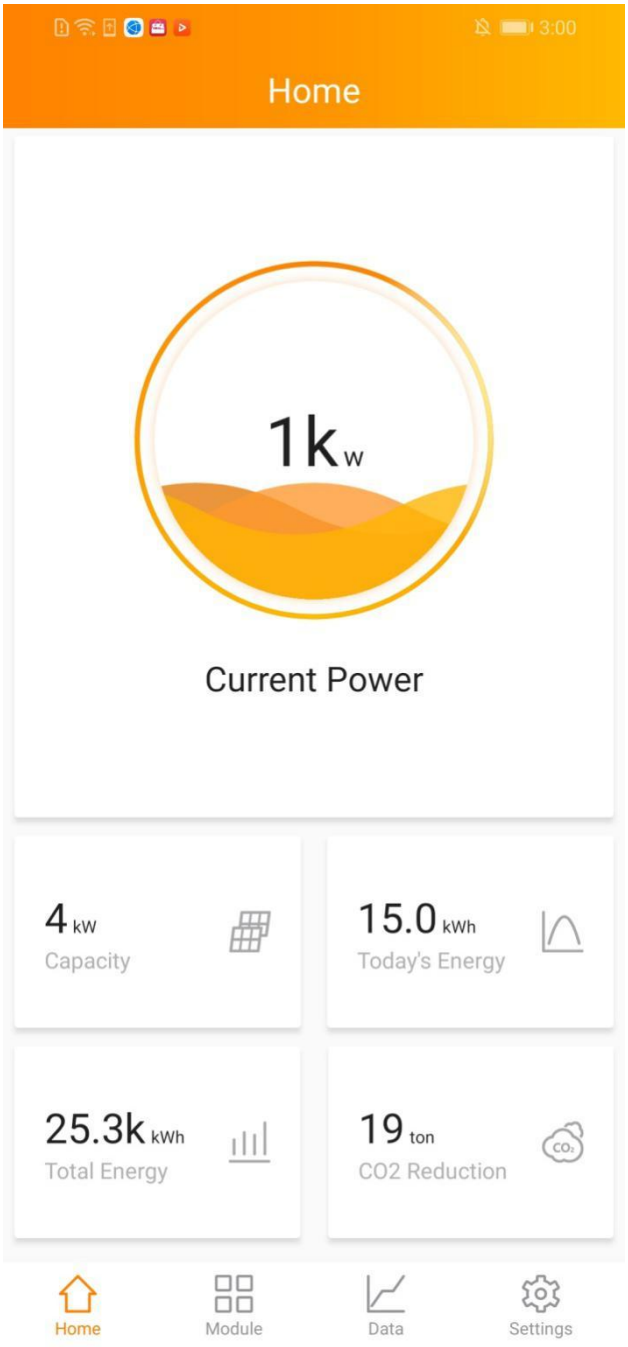


# 2.2 Home

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.

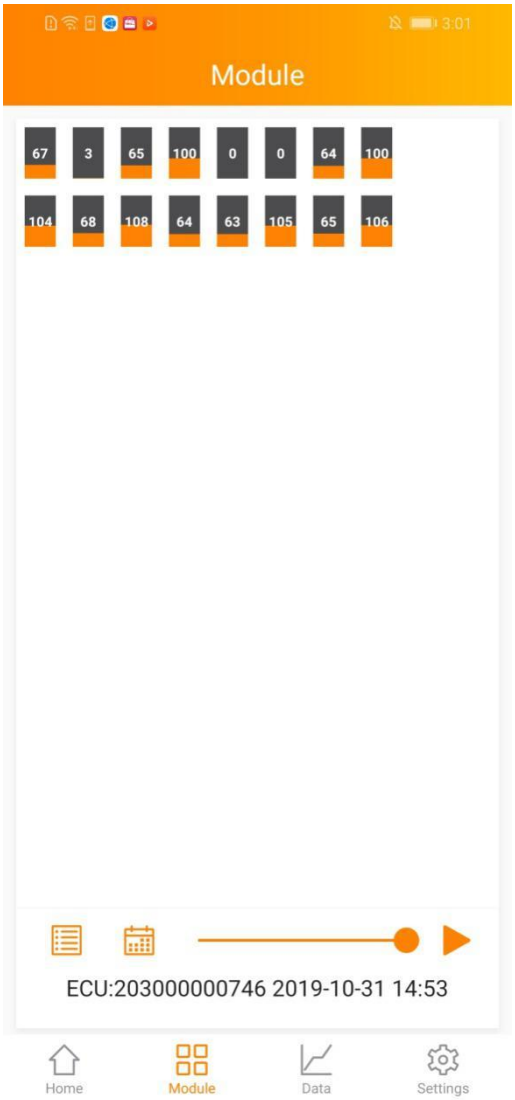
## 2.2.1 View Real-time Power

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


3:00
Home
1kw
Current Power
4 kW
Capacity
15.0 kWh
Today's Energy
25.3k kWh
Total Energy
19 ton
CO2 Reduction
Home
Module
Data
Settings

# 2.3 Module

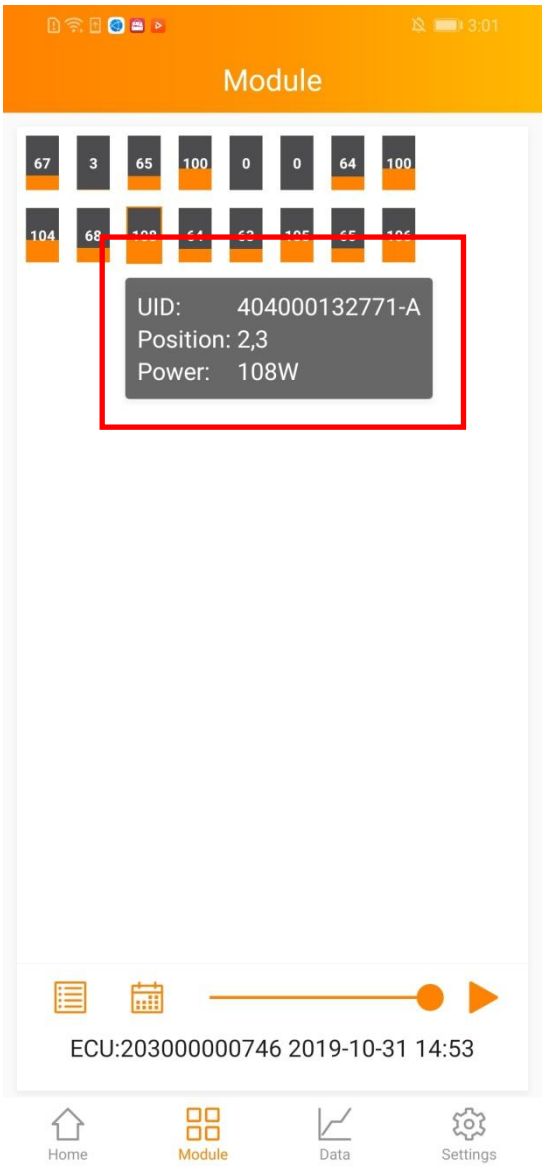
You can view the running details of each module in the manual view or auto view, containing the power generation in day and the daily energy in 30 days. Also you can click one of them to get the module details.




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

## 2.3.1 View the Details of Module

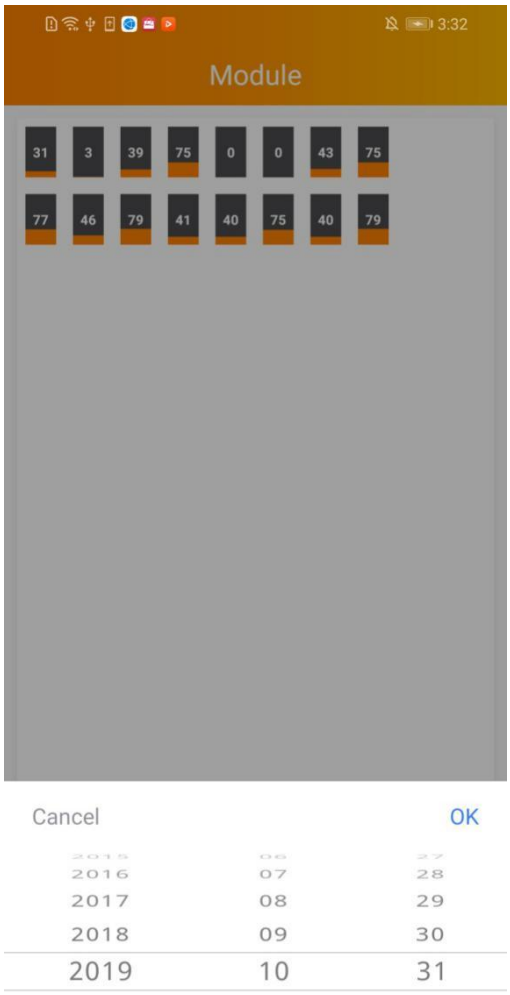
Click one of the modules to get the details.



## 2.3.2 View the Production of Module

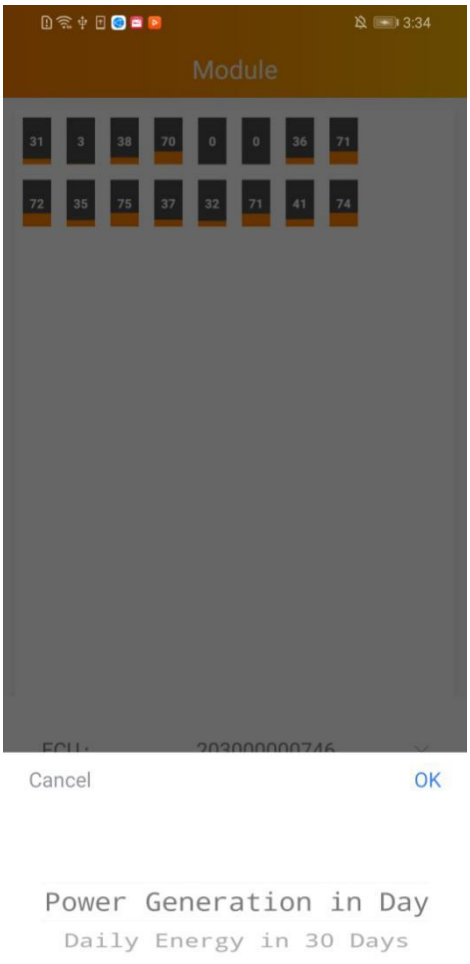
1) View the power generation in day

- Click to select the date
- Click the play or pause button to adjust the play progress, or drag the slider to fast forward



2) View the daily energy in 30 days

- Click to select "Daily Energy in 30 Days"
- Click to select the date
- Click the play or pause button to adjust the play progress, or drag the slider to fast forward




**Note:**

You can change the ECU or view if your system has more ECUs or views.

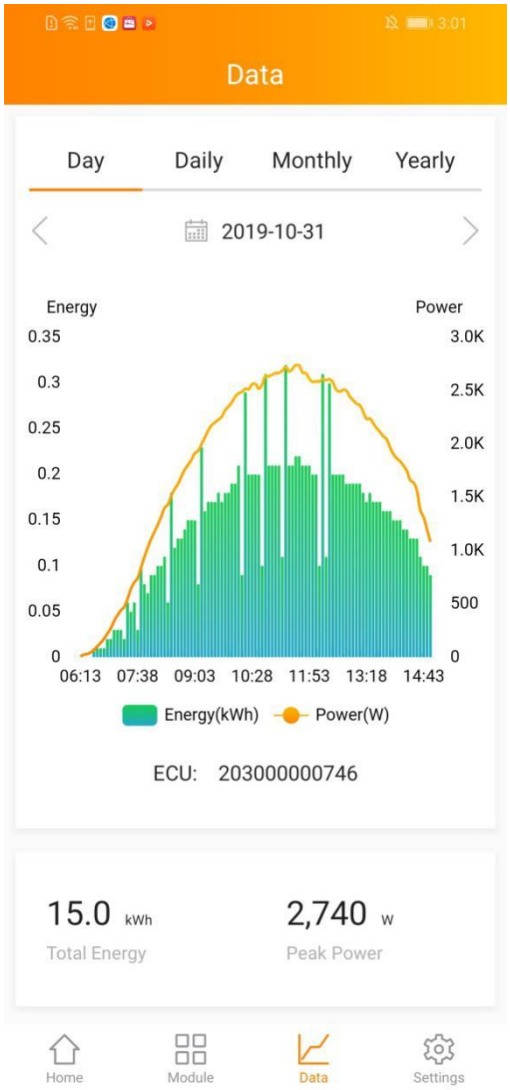
# 2.4 Data

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.




**Note:**

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.

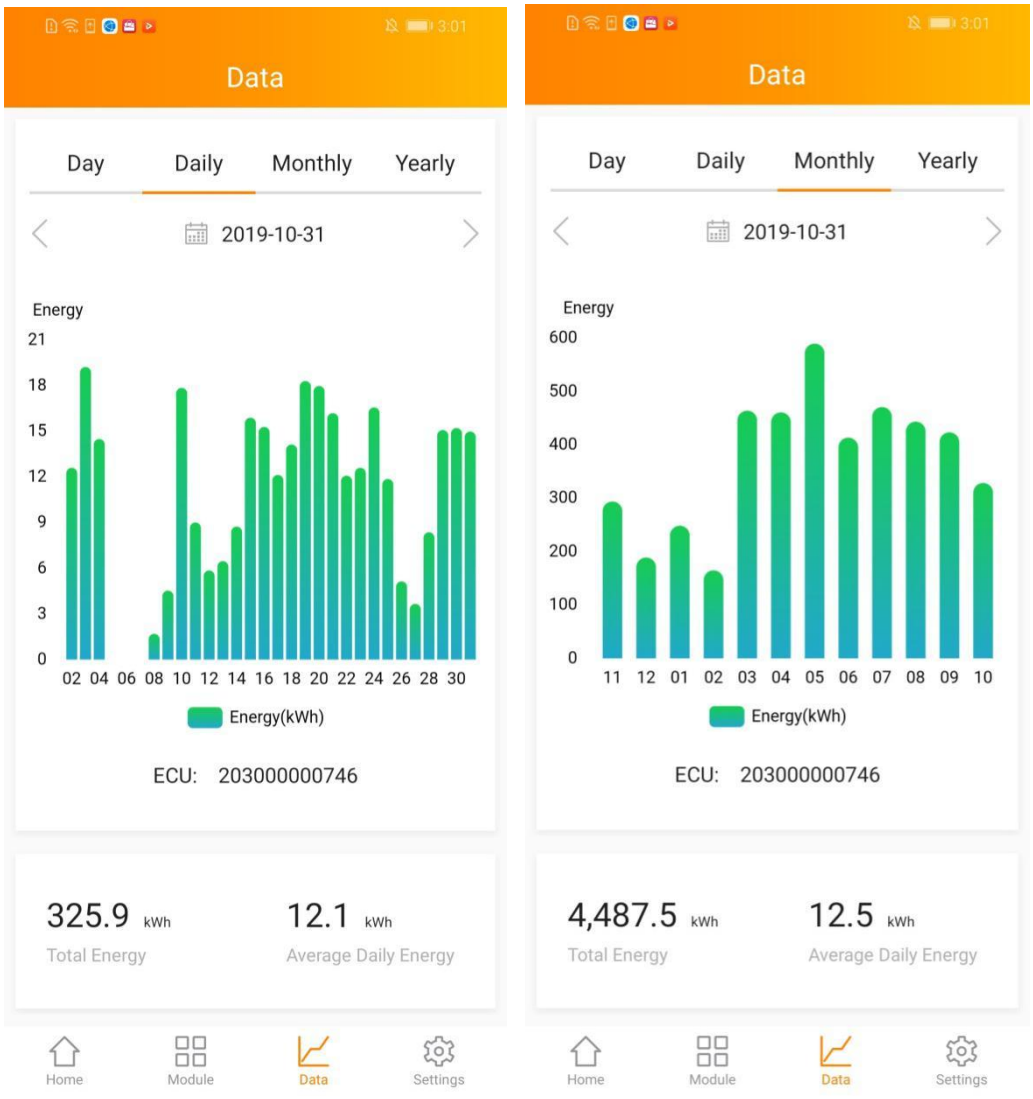
**Note:**

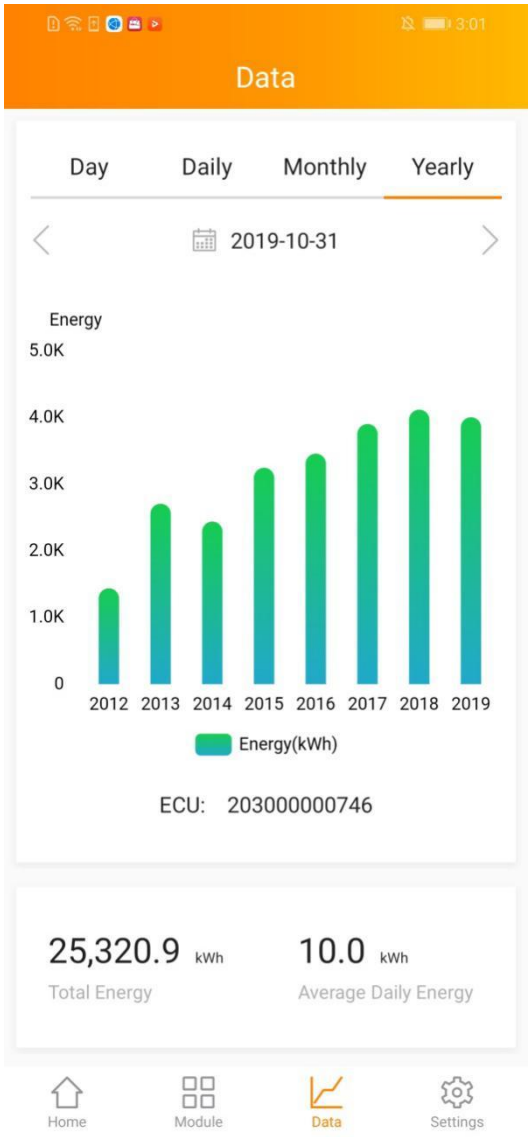
Day：Power generation of the day

Daily：Daily energy in 30 days before the selected date

Monthly：Monthly energy in 12 months before the selected date.

Yearly：Yearly energy in lifetime




3:01
Data
Day
Daily
Monthly
Yearly
2019-10-31
Energy
5.0K
4.0K
3.0K
2.0K
1.0K
0
2012 2013 2014 2015 2016 2017 2018 2019
Energy(kWh)
ECU: 203000000746
25,320.9 kWh
Total Energy
10.0 kWh
Average Daily Energy
Home
Module
Data
Settings