

## **Lesson 4 – Configuring the system**

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3. Run the APP EzManage.



## Lesson 4 – Configuring the system

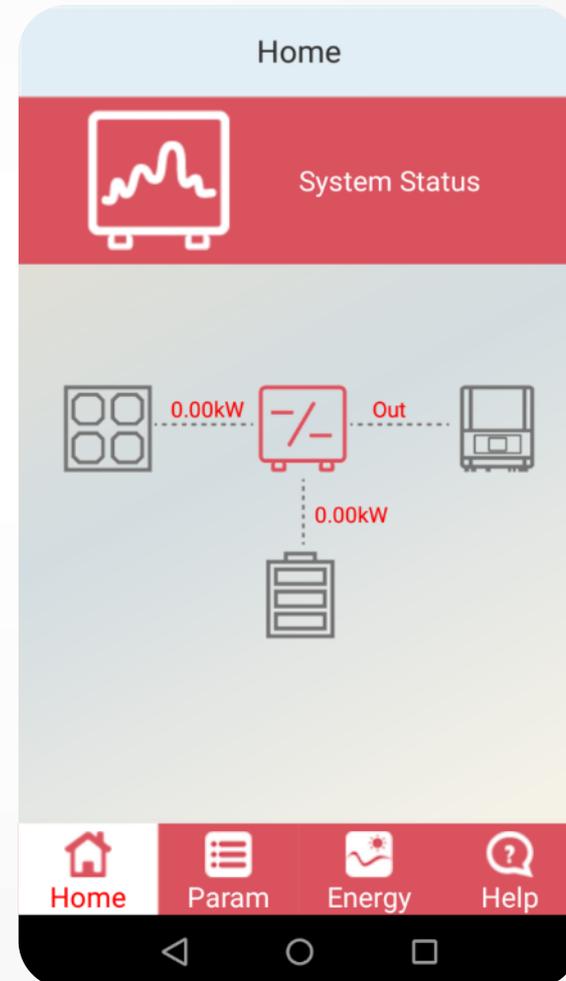
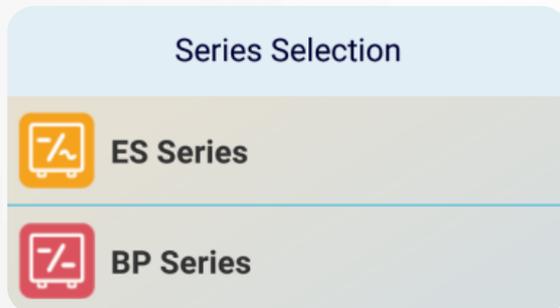
### 4. *Series Selection Page:*

When the APP is first used, it will pair with the inverter automatically when connecting to the inverter's WiFi.

If the APP stays at the series selection page for more than 10 seconds, please manually choose the correct series.

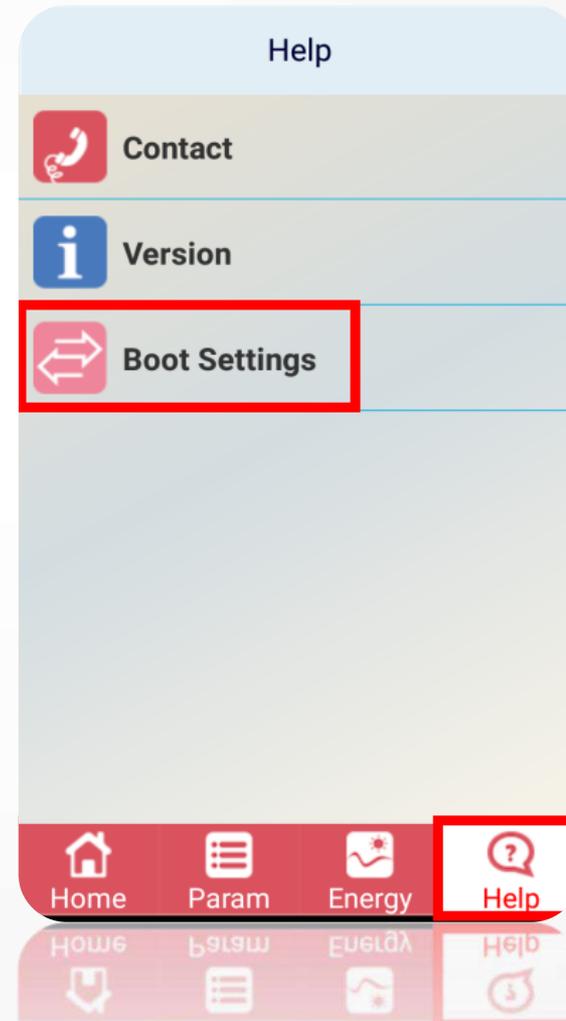
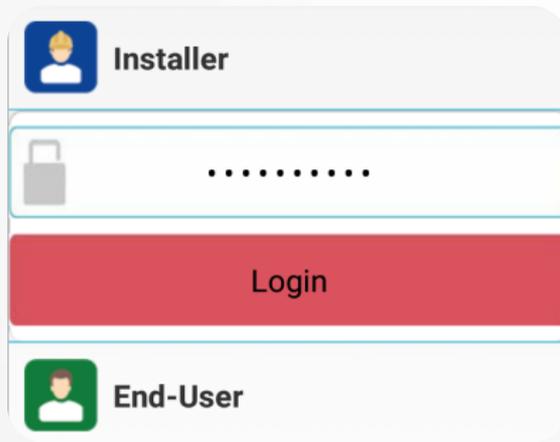
'ES Series' is the option for GoodWe ES inverter;  
'BP Series' is the option for GoodWe BP inverter;

**Note:** If the incorrect series is selected, please restart the APP.



## Lesson 4 – Configuring the system

- When the inverter is first installed, we need to configure the parameters of the inverter and battery.  
Click 'Help', and then 'Booting Settings'.
- Click 'Installer', type in the password:  
**goodwe2010**. The password is only for distributors and installers.



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7. The first page of the app will show you if the WiFi connection is good. If not, please check your WLAN settings.

**Note:**

1. Before configuring the battery parameters, please refer to the specification of the battery first.
2. If any setting is changed, click 'Set' to save.

Click 'Next' to enter the 'Battery Settings' page.



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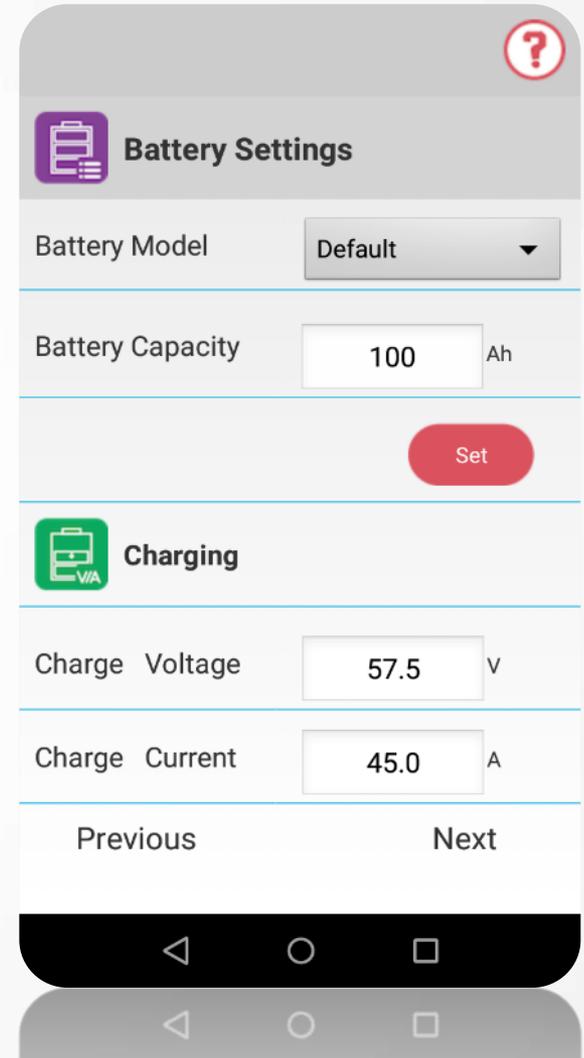
### 8.1 Battery Settings

**Battery Model:** Click on the drop-down menu, five options will be listed: Default, BYD B-Box, LG RESU6.4X, PYLON Extra2000, Hoppecke.

For example, choosing BYD-BOX, the charging, discharging and float charge settings will be changed to preset settings, click 'Set' to save the charge/ discharge and float charge settings (The preset settings have all been tested and approved by the battery manufacturers).

Battery capacity will not be changed automatically, please type in the capacity of the battery bank.

**Note:** If the battery brand has been chosen, please do not change any settings below, just press "Set".



The screenshot shows the GoodWe mobile app interface. At the top right, there is a red question mark icon. The main section is titled "Battery Settings" with a purple icon of a battery. Below this, there are two settings: "Battery Model" with a dropdown menu currently set to "Default", and "Battery Capacity" with a text input field containing "100" and the unit "Ah". A red "Set" button is located below these settings. The next section is titled "Charging" with a green icon of a battery and a "V/A" label. It contains two settings: "Charge Voltage" with a text input field containing "57.5" and the unit "V", and "Charge Current" with a text input field containing "45.0" and the unit "A". At the bottom of the settings, there are "Previous" and "Next" buttons. The bottom of the screen shows the Android navigation bar with back, home, and recent apps icons.

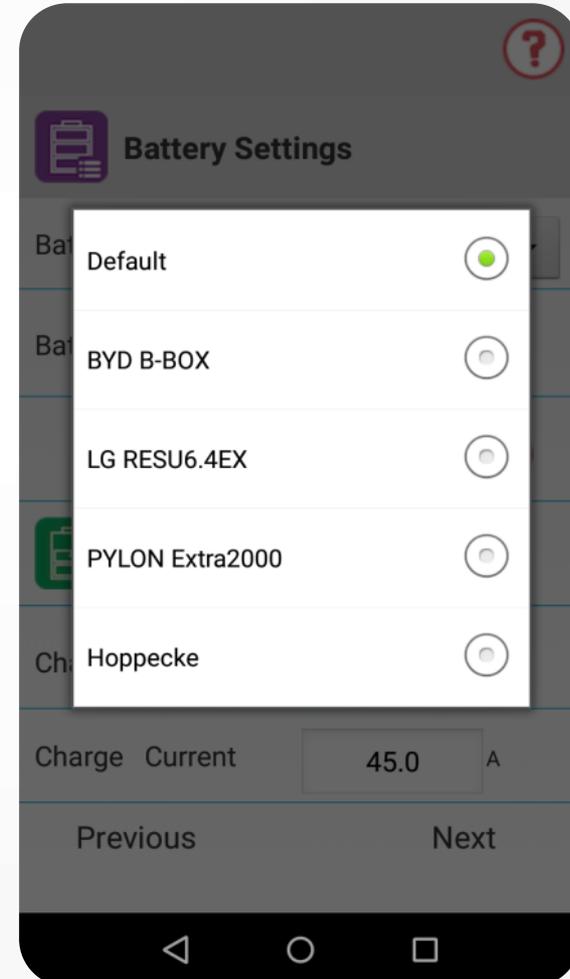
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### 8.1 Battery Settings

**Battery Model:** Default/ BYD B-Box/ LG RESU6.4X/ PYLON Extra2000/ Hoppecke.

If the battery is not any of the brands listed, please choose 'Default'. All settings need to be changed manually.



## Lesson 4 – Configuring the system

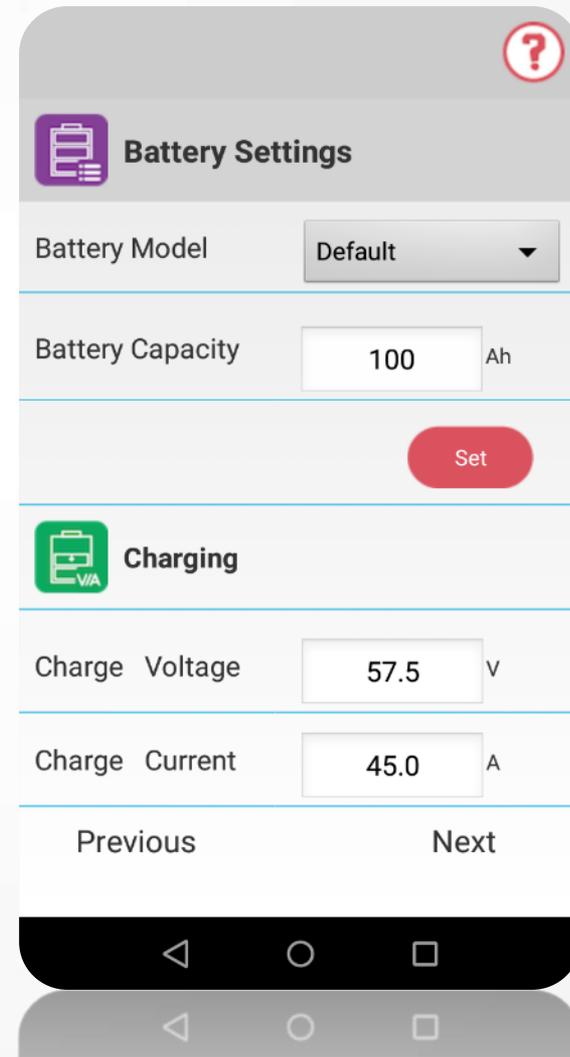
If the battery brand can not be found in the list, please choose 'Default', the charge/ discharge /float charge parameters need to change manually.

### ***Charge Settings***

**Battery Capacity:** Capacity of the battery bank connected to the inverter, range is 50~1000Ah;

**Charge Voltage:** The maximum voltage of the battery can be charged to, range is 50~60V;

**Charge Current:** The maximum charge current of the battery, range is  $0A < 0.15 * Capacity < 50A$ ;



**Battery Settings**

Battery Model: Default

Battery Capacity: 100 Ah

Set

**Charging**

Charge Voltage: 57.5 V

Charge Current: 45.0 A

Previous Next

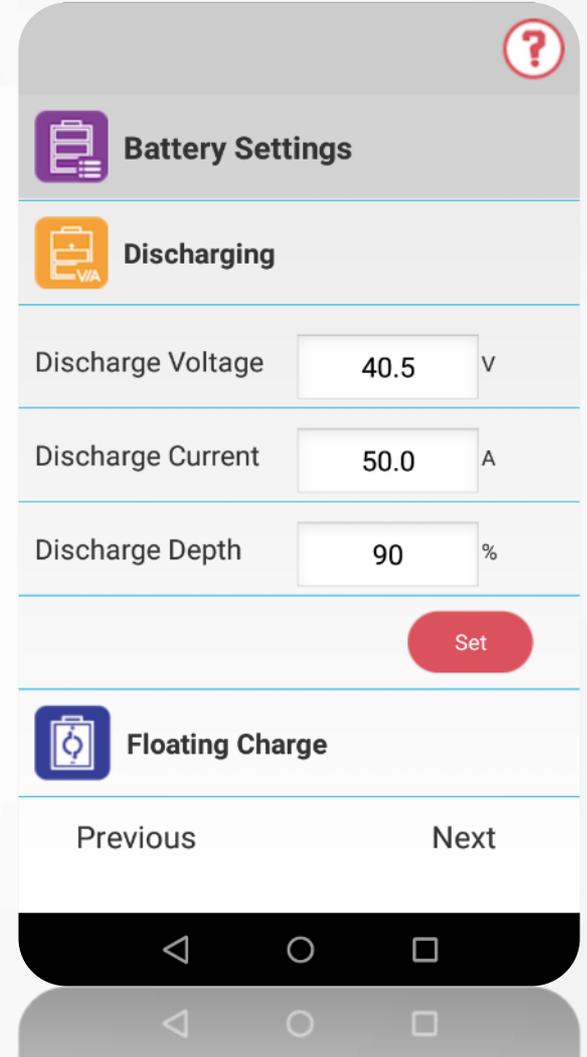
## Lesson 4 – Configuring the system

### 8.1 Discharge Settings

**Discharge Voltage:** The minimum voltage the battery will be discharged to, range is 40~48V;

**Discharge Current:** The maximum discharge current of the battery, range is 0~50A;

**Discharge Depth:** The maximum percentage of the battery can be discharged, range is 10~90(%);



The screenshot shows the 'Battery Settings' app interface. At the top right is a red question mark icon. Below it is a purple icon for 'Battery Settings'. The 'Discharging' section is highlighted with an orange icon and contains three input fields: 'Discharge Voltage' set to 40.5 V, 'Discharge Current' set to 50.0 A, and 'Discharge Depth' set to 90%. A red 'Set' button is located below these fields. The 'Floating Charge' section is visible below, with a blue icon and 'Previous' and 'Next' navigation options. The bottom of the screen shows a black Android navigation bar with back, home, and recent apps icons.

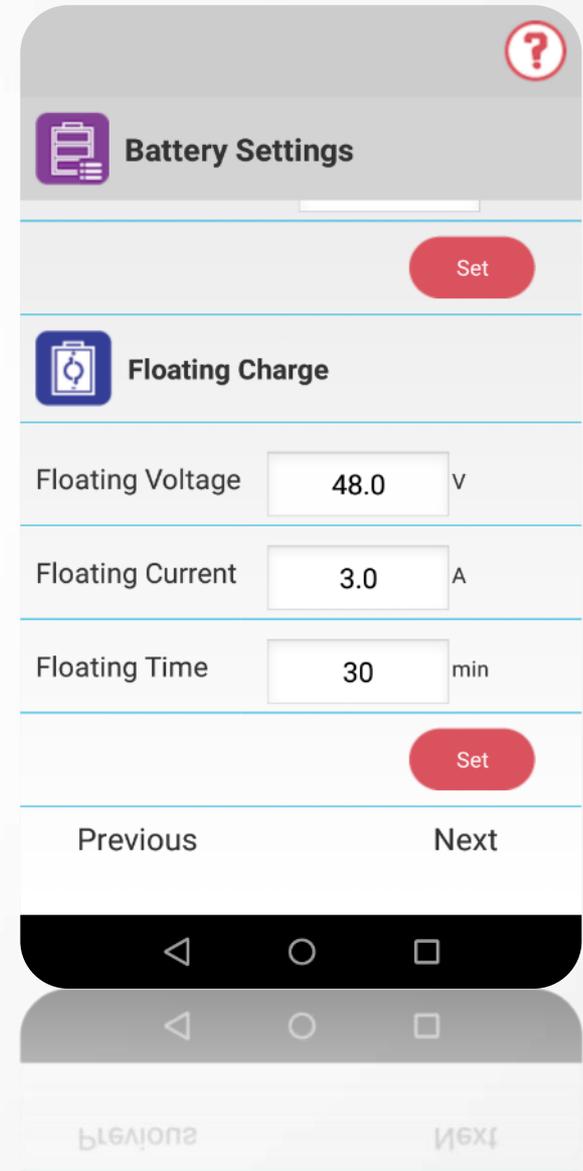
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### 8.1 Float Charge Settings

**Floating Voltage:** Voltage to balance the charge/discharge of the battery, range is 48~60V;

**Floating Current:** Current to get ready for floating charge mode;

**Floating Time:** Since the charge current is smaller than the floating charge current, after the floating charge period, the inverter will get into floating charge mode.



## Lesson 4 – Configuring the system

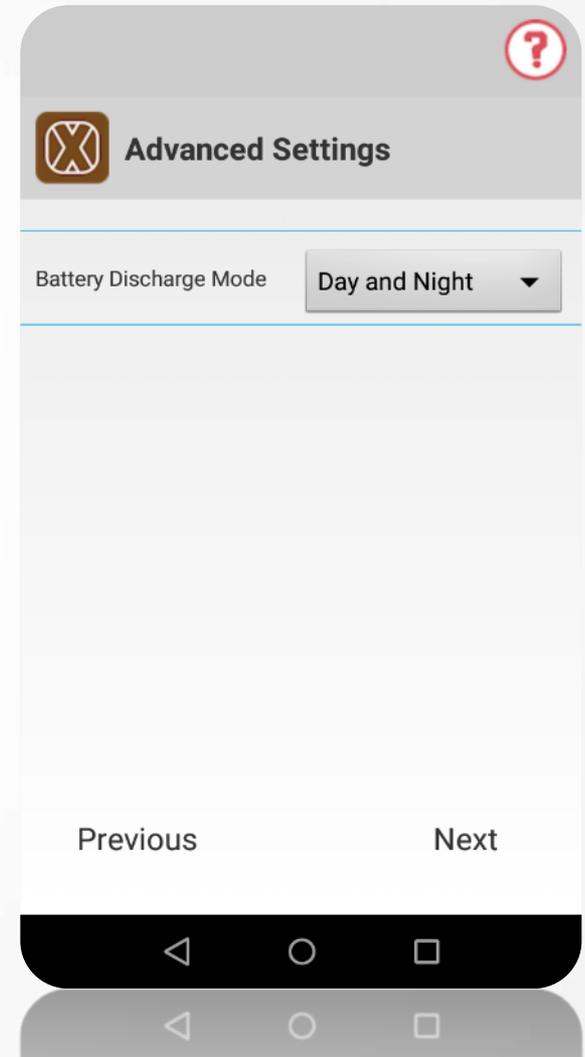
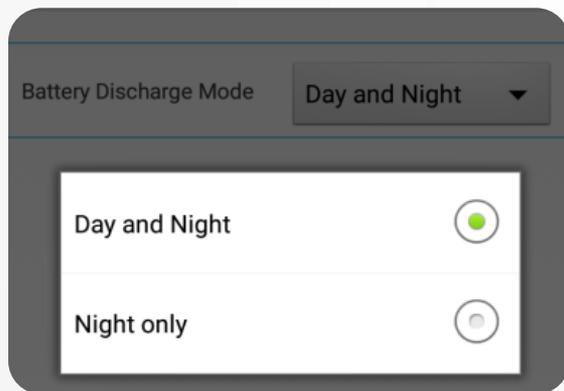
### 8.2 Advanced Settings

#### **Battery Discharge Mode - Day and Night:**

Day and Night/Night Only, battery can be discharged, whether PV is on or off;

#### **Battery Discharge Mode – Night Only:**

Night Only, when PV is generating, battery can not be discharged.



## Lesson 4 – Configuring the system

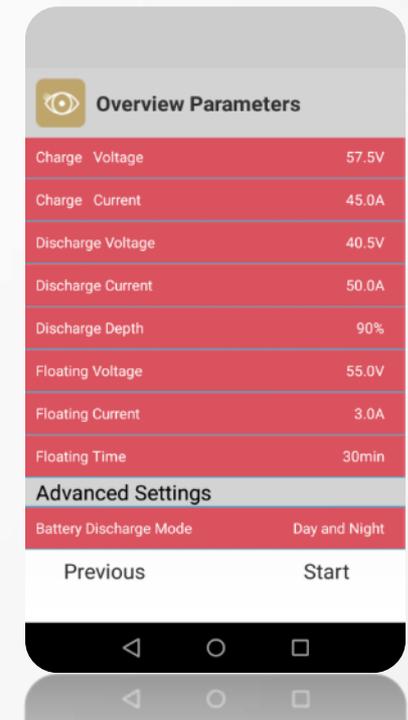
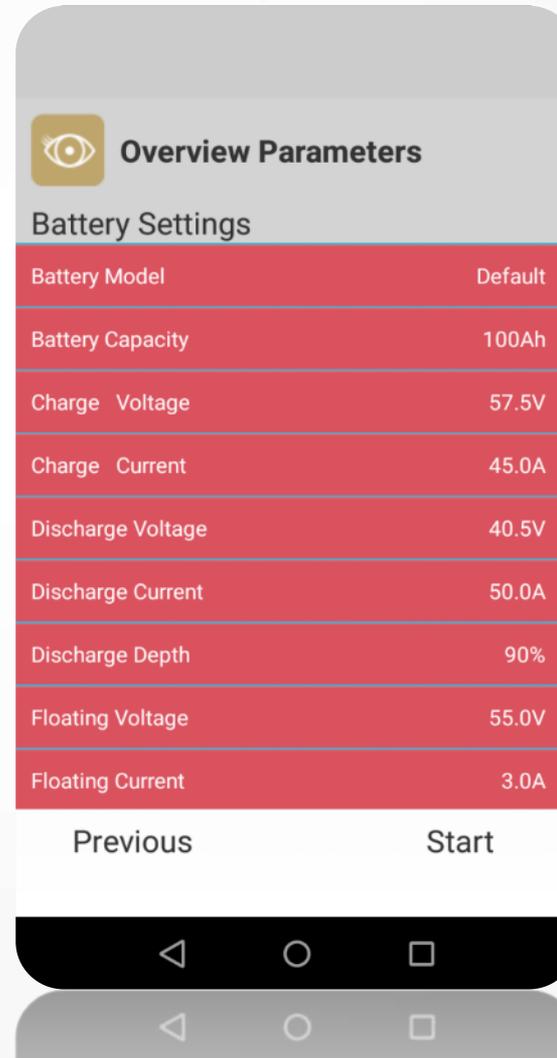
### 8.3 Overview Parameters

After configuring the parameters, please check if the battery settings are all correct.

#### Note:

If any setting is incorrect or failed to save into the inverter, there will be an exclamation mark in front of the setting. Please change the setting and press “Set”.

! Discharge Voltage	45.0V
! Discharge Current	50.0A
! Discharge Depth	90%

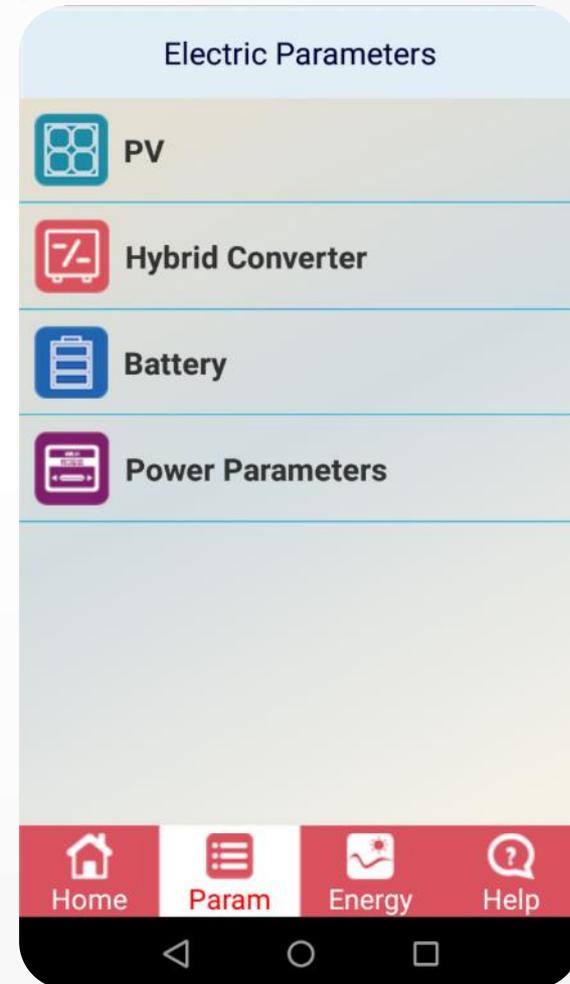


## Lesson 4 – Work Status Overview

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### 8.2 Electric Parameters

Click 'Param' to enter the electric parameters page, four options will be listed, PV, BP Inverter, Battery and Power Parameters, click any of these and you will see its operating status.

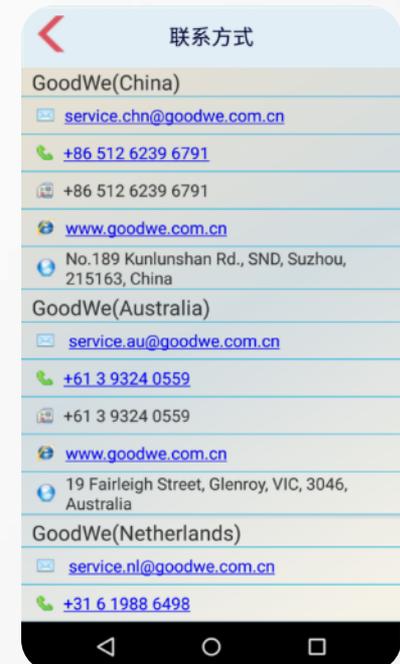
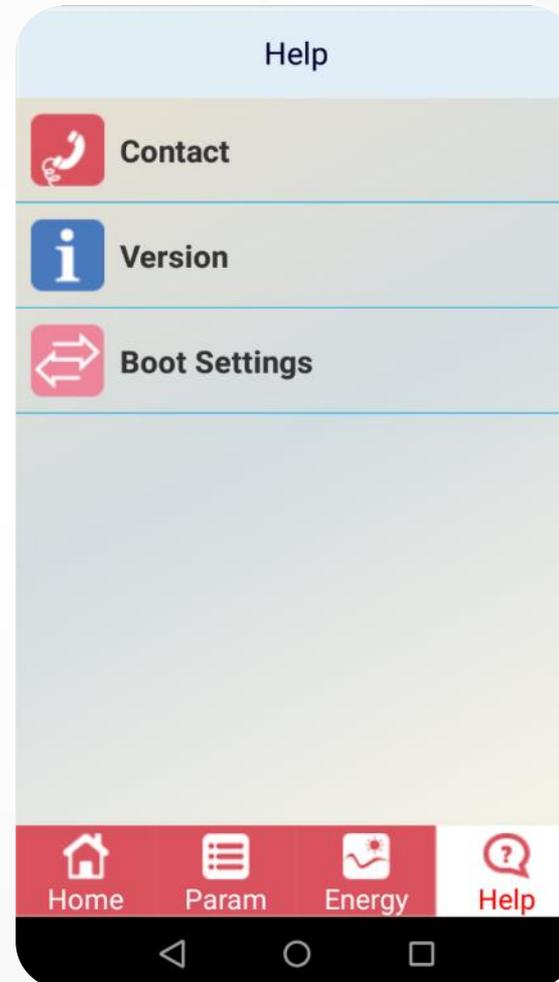
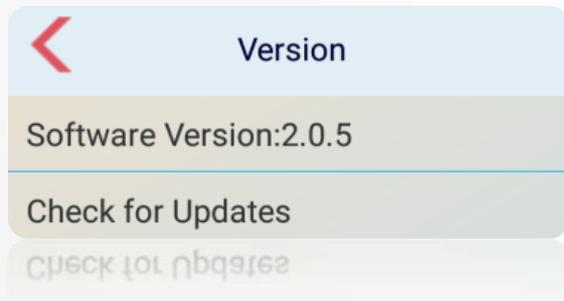


## Lesson 4 – Other Options

### 8.2 Help Page

**Contact:** GoodWe Global contact information

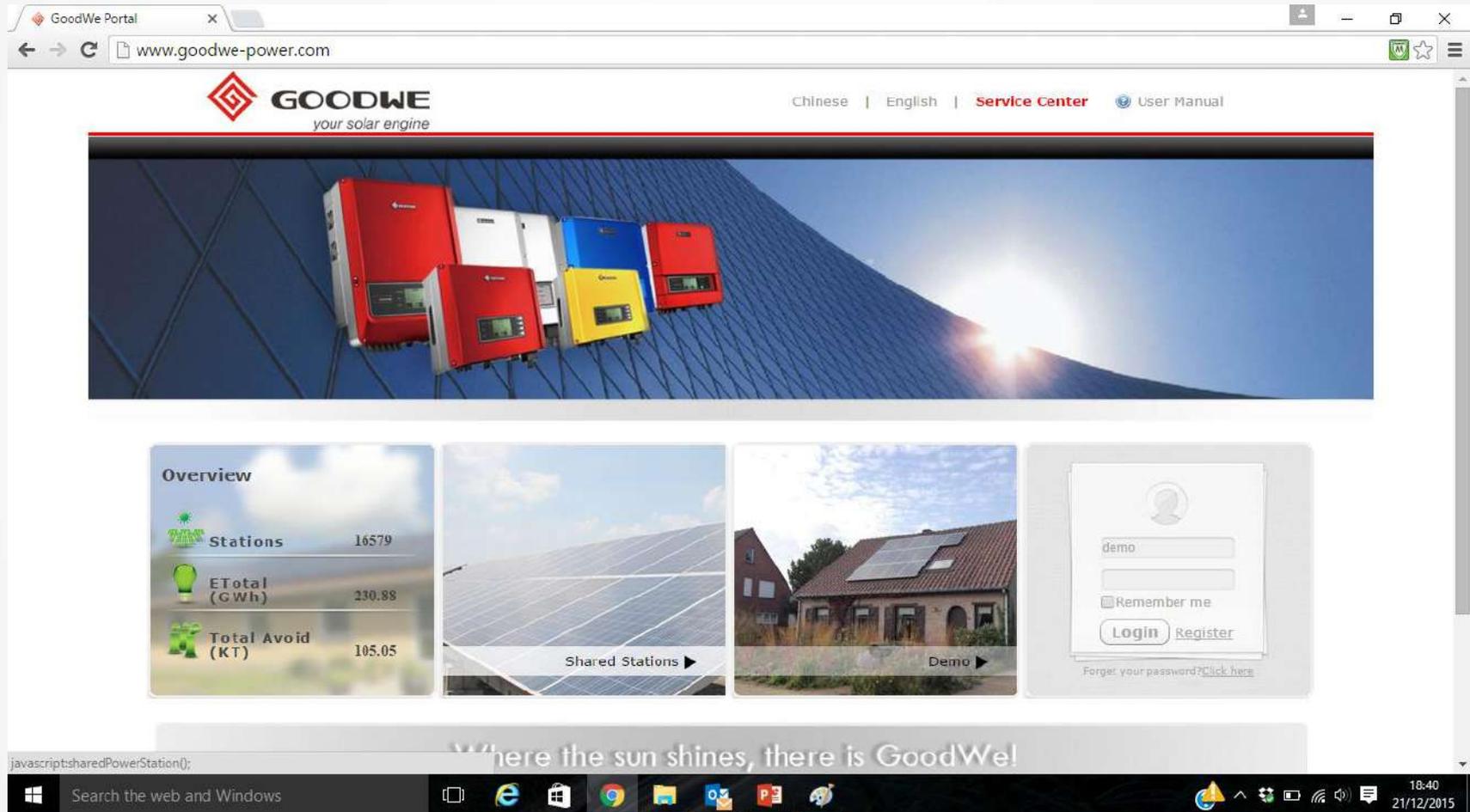
**Version:** The version of the application; if new version is released, please update to the latest.



## **Lesson 5 – System monitoring**

## Lesson 5 – System monitoring

### □ Portal – registration and monitoring



The screenshot shows the GoodWe Portal website in a browser window. The browser address bar displays "www.goodwe-power.com". The website header features the GoodWe logo and navigation links for "Chinese", "English", "Service Center", and "User Manual". The main banner image shows several GoodWe inverters mounted on a blue solar panel array under a bright sun.

The "Overview" section displays the following data:

Metric	Value
Stations	16579
ETotal (GWh)	230.88
Total Avoid (KT)	105.05

Below the overview are two image-based links: "Shared Stations" (with a right-pointing arrow) and "Demo" (with a right-pointing arrow). To the right is a login and registration form with fields for "demo" (username) and a password field, a "Remember me" checkbox, and "Login" and "Register" buttons. A link for "Forgot your password? Click here" is located below the form.

The footer of the website contains the slogan "Where the sun shines, there is GoodWe!". The Windows taskbar at the bottom shows the time as 10:40 on 21/12/2015.

## Lesson 5 – System monitoring

### ❑ Registration

The Ezlogger is ready to transport data to the GoodWe server. Follow steps below to register an account and create a station on the GoodWe portal.

1. Browse website: <http://www.goodwe-power.com/>



2. Click 'Register'.



## Lesson 5 – System monitoring

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### ☐ Registration

3. Click 'User Type', choose 'Terminal User' and fill all required fields.

User Register

Username  \*

User Type  ▼ \*

Email  \*

Password  \*

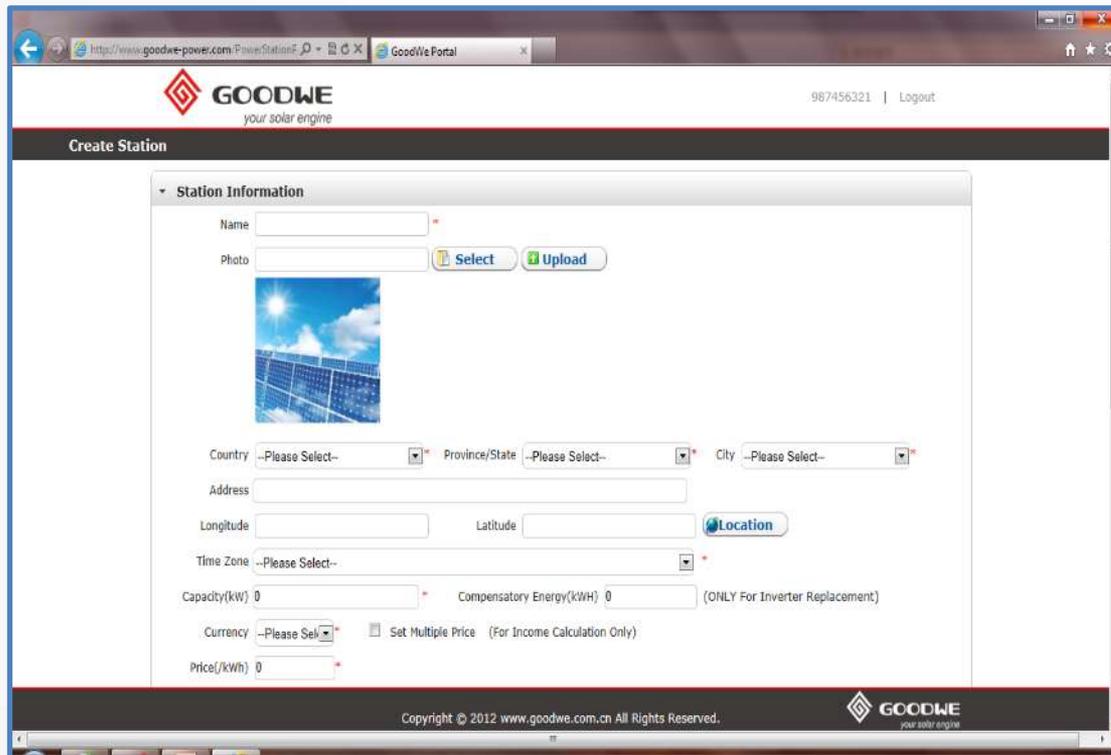
Password Confirm  \*

If you already have an account, [click here to login!](#)

## Lesson 5 – System monitoring

### □ Registration

4. Click 'Register' and station setup page will come out.



The screenshot shows a web browser window displaying the 'Create Station' page on the GoodWe portal. The page features a header with the GoodWe logo and the user ID '987456321 | Logout'. The main content area is titled 'Create Station' and contains a 'Station Information' form. The form includes the following fields and controls:

- Name:** A text input field with a red asterisk indicating it is required.
- Photo:** A text input field with 'Select' and 'Upload' buttons.
- Image:** A preview image of solar panels under a blue sky.
- Country:** A dropdown menu with '--Please Select--' and a red asterisk.
- Province/State:** A dropdown menu with '--Please Select--' and a red asterisk.
- City:** A dropdown menu with '--Please Select--' and a red asterisk.
- Address:** A text input field.
- Longitude:** A text input field.
- Latitude:** A text input field with a 'Location' button.
- Time Zone:** A dropdown menu with '--Please Select--' and a red asterisk.
- Capacity(kW):** A text input field with '0' and a red asterisk.
- Compensatory Energy(kWh):** A text input field with '0' and a note '(ONLY For Inverter Replacement)'. A red asterisk is present.
- Currency:** A dropdown menu with '--Please Selv--' and a red asterisk.
- Set Multiple Price:** A checkbox labeled 'Set Multiple Price (For Income Calculation Only)'. It is currently unchecked.
- Price/(kWh):** A text input field with '0' and a red asterisk.

The footer of the page contains the copyright notice: 'Copyright © 2012 www.goodwe.com.cn All Rights Reserved.' and the GoodWe logo.

## Lesson 5 – System monitoring

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### ❑ Registration

5. Fulfill the ‘Station Information’, then go to ‘Maintain Ezlogger’. Input the ‘S/N’, ‘Check Code’, ‘Type’ and ‘Description’. And click ‘Add’.

▼ **Maintain WIFI-Inverter**

S/N	<input type="text" value="35048ESU15600011"/>	Check Code	<input type="text" value="017654"/>	Type	<input type="text" value="GW5048D-ES"/>	Description	<input type="text" value="Hybrid Inver"/>	<input type="button" value="Add"/>
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6. Type in the rest of the information and press button “Create Station”.

## Lesson 5 – System monitoring

### ☐ Registration

7. Login the portal, and choose the station just built. As this is a hybrid system, choose the hybrid inverter page, and then you can view the whole system working state at anytime anywhere.

▼ [Rennie Power Station](#)



Creation Date: 2015/11/30



Capacity:  
**5.200 kW**

Power:  
**0.357 kW**



EDay:  
**14.1 kWh**

ETotal:  
**176.6 kWh**



Daily Income:  
**R18.05**

Total Yield:  
**R226.05**



Daily Avoid:  
**0.006 ton**

Total Avoid:  
**0.080 ton**



Daily Plant:  
**0.042 trees**

Total Plant:  
**0.530 trees**

Overview
RealTime
History
Warning
ARCB
Environment
Compare
Hybrid Inverter

▼ **Device List**

35048ESU15600011

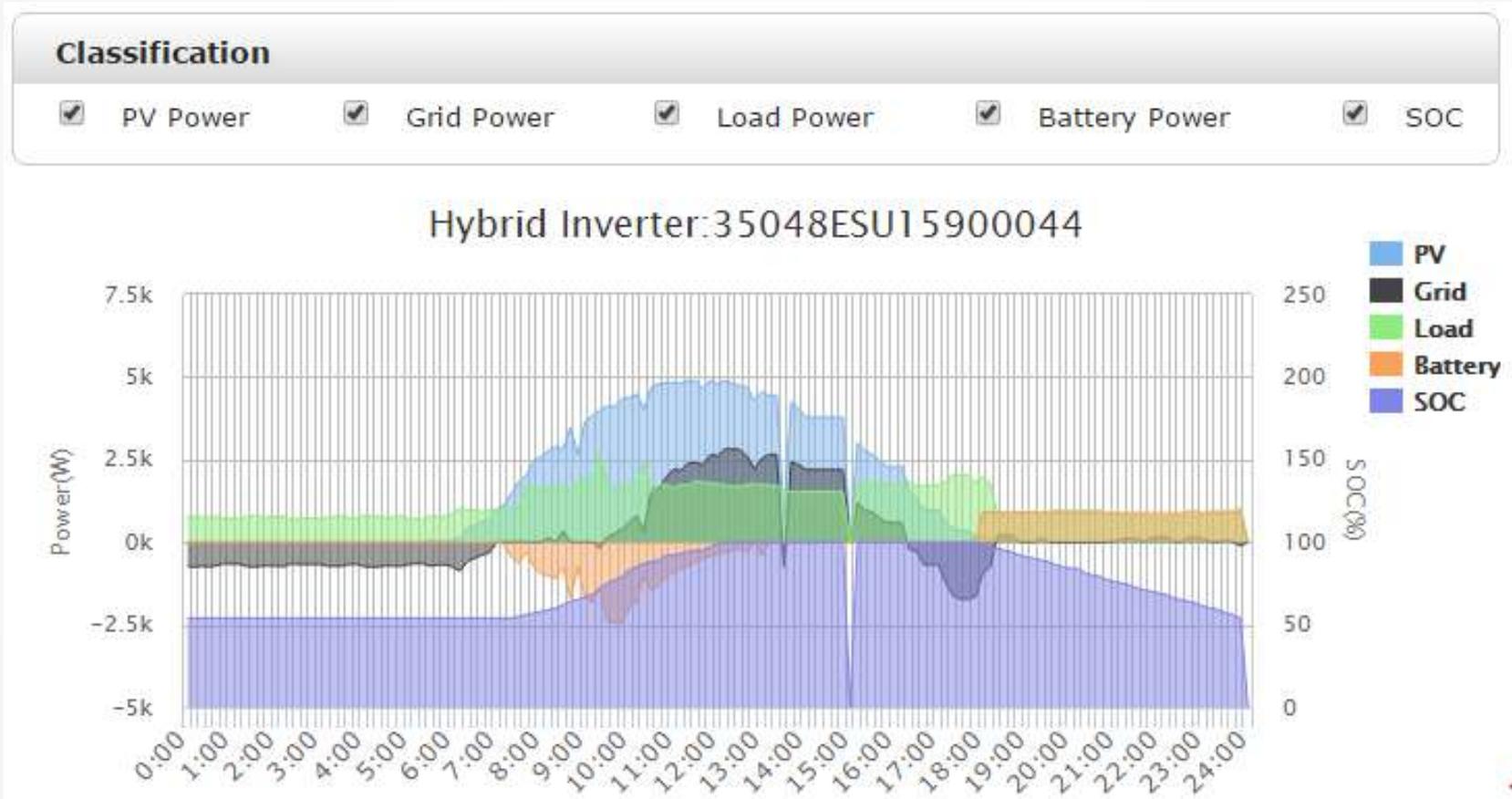
ES ~ ES

**Classification**

PV Power
  Grid Power
  Load Power
  Battery Power
  SOC

# Lesson 5 – System monitoring

## ☐ ES system station overview



## Lesson 5 – System monitoring

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- App monitoring - EzViewer

