



**FoxESS**

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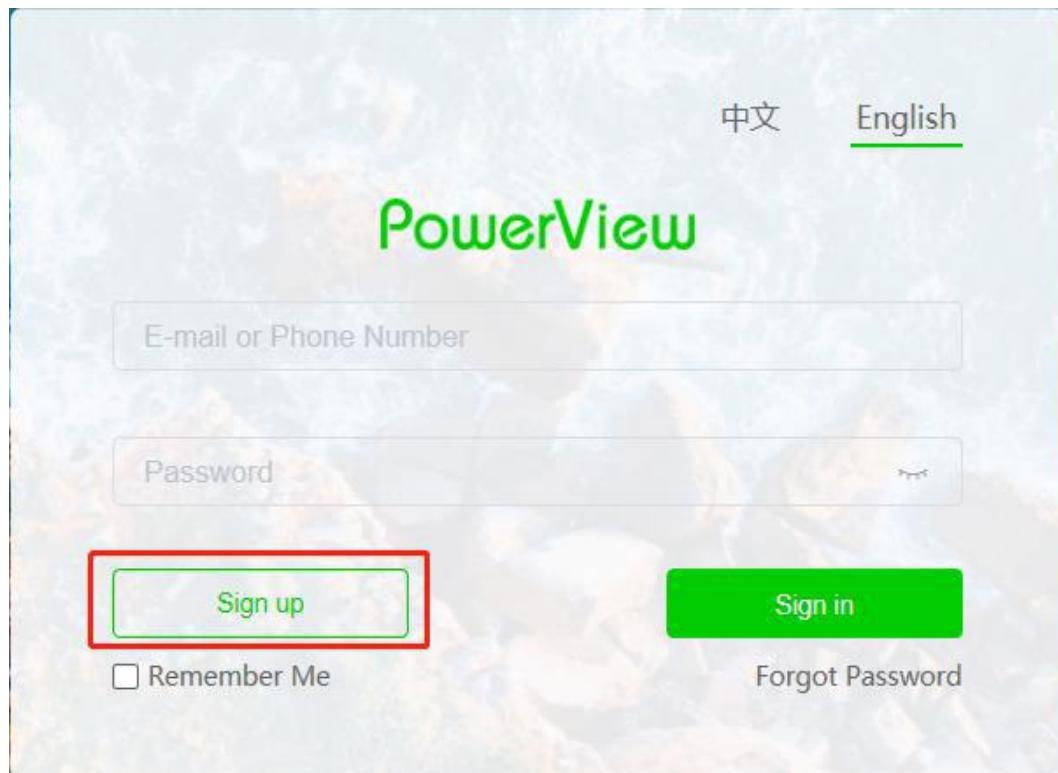
0510-68092998

## Monitoring User Guide

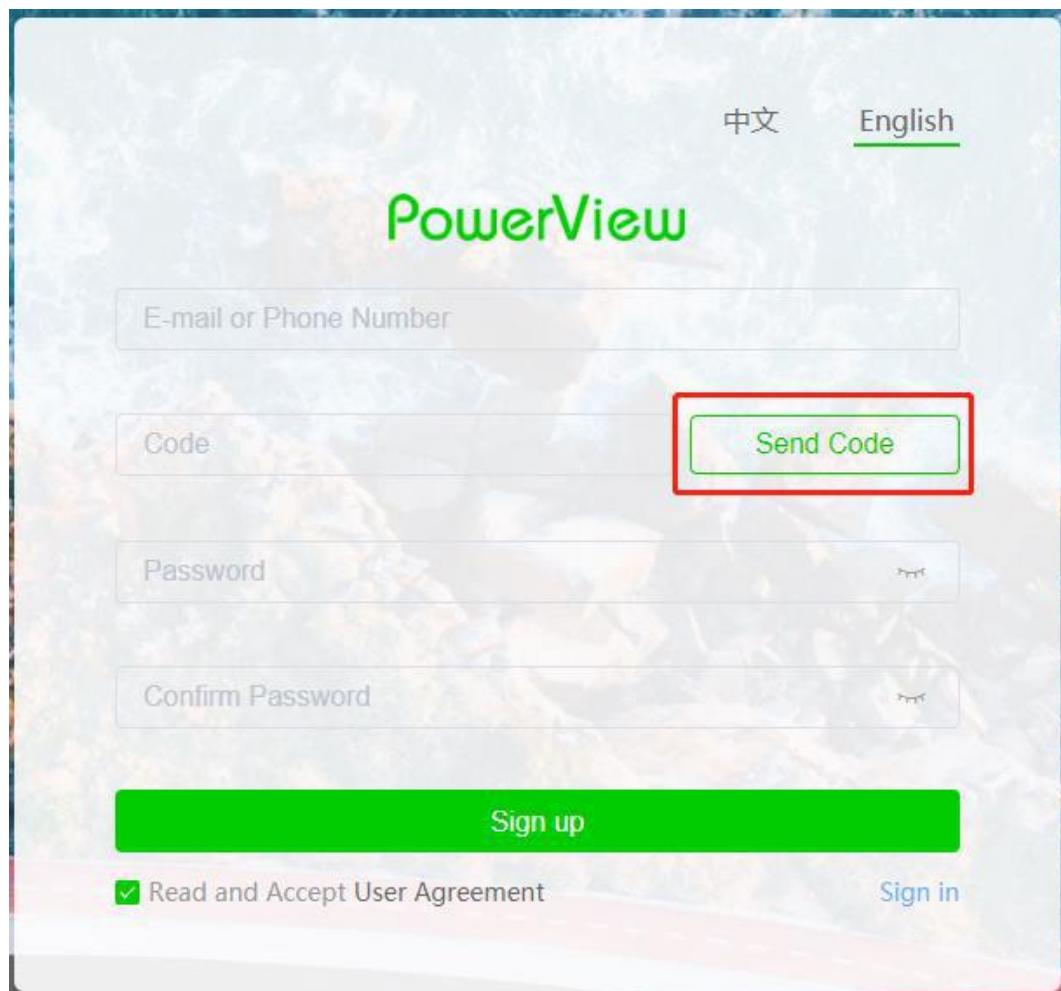
### 1. Login& Registration

#### 1.1 Registration

Visit [pv.inteless.com](http://pv.inteless.com) and the system's home page as shown below. Click **Sign up** to go to next step



Enter your email address or Phone Number then click **Send Code** to get your information verified



The image shows a sign-up form for PowerView. At the top, there are language options: '中文' (Chinese) and 'English', with 'English' being underlined. The title 'PowerView' is displayed in a large green font. Below the title is a text input field labeled 'E-mail or Phone Number'. Underneath it is a code input field labeled 'Code' and a 'Send Code' button, which is highlighted with a red box. Below these are two password input fields: 'Password' and 'Confirm Password', each with a character count indicator (7-16). At the bottom of the form is a large green 'Sign up' button. To the left of the 'Sign up' button is a checkbox labeled 'Read and Accept User Agreement' with a checked box. To the right is a 'Sign in' link. The background of the form features a faint, abstract landscape image.

中文 English

# PowerView

E-mail or Phone Number

Code

Send Code

Password

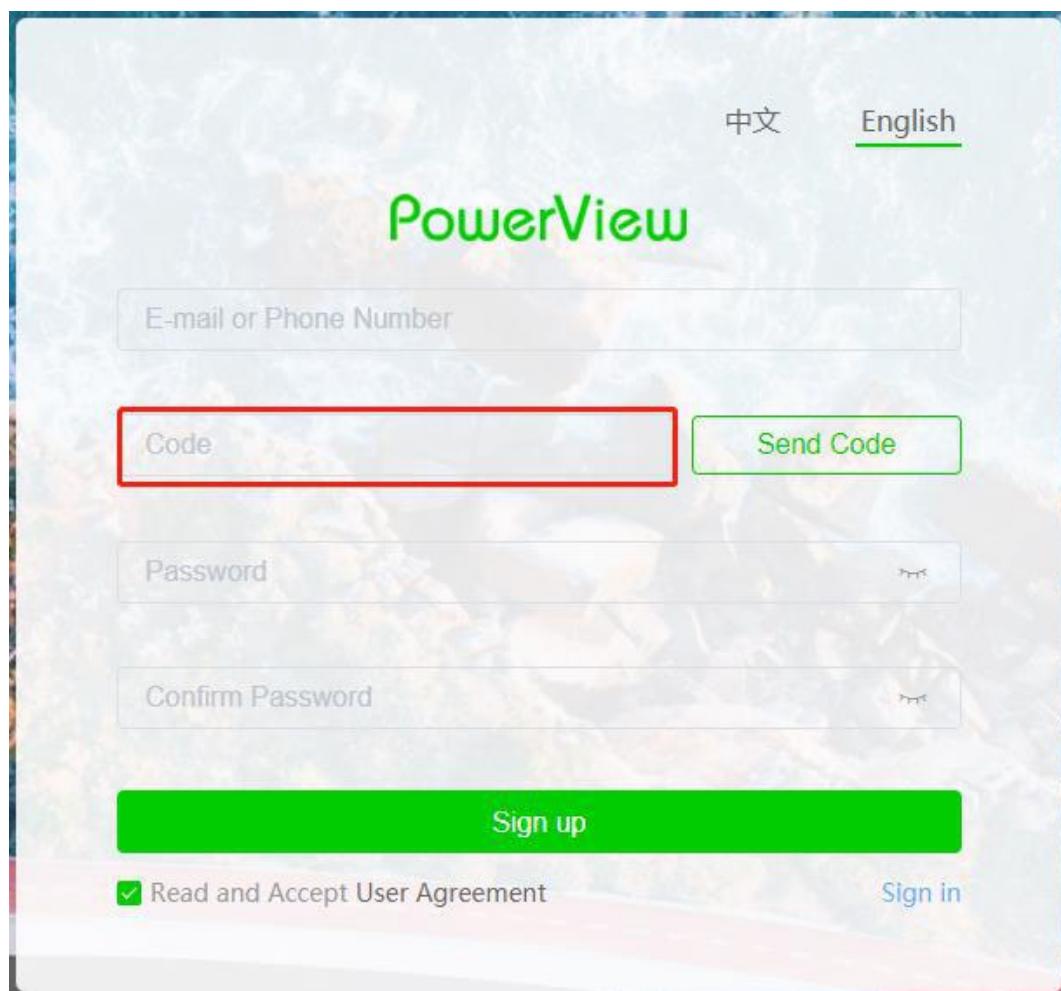
Confirm Password

Sign up

Read and Accept User Agreement

Sign in

Enter the verification code sent to your email or phone in **Code bar**



The image shows a sign-up form for PowerView. At the top, there are language options: '中文' (Chinese) and 'English', with 'English' underlined. The title 'PowerView' is centered above the input fields. The form consists of the following fields: 'E-mail or Phone Number' (input field), 'Code' (input field with a red border), and 'Send Code' (button). Below these are 'Password' and 'Confirm Password' input fields. At the bottom, there is a green 'Sign up' button, a checkbox for 'Read and Accept User Agreement' (checked), and a 'Sign in' link.

中文 English

# PowerView

E-mail or Phone Number

Code

Send Code

Password

Confirm Password

Sign up

Read and Accept User Agreement

Sign in

Enter the password and confirm password then click **Sign up** to complete the registration process. System will automatically jump into the home page

The image shows a sign-up form for PowerView. At the top, there are language options: '中文' and 'English', with 'English' being underlined. The form title 'PowerView' is in green. Below the title is a text input field labeled 'E-mail or Phone Number'. Underneath is a code input field labeled 'Code' and a 'Send Code' button. The next section contains two password input fields: 'Password' and 'Confirm Password', both outlined in red. Below these fields is a large green 'Sign up' button. At the bottom left is a checked checkbox for 'Read and Accept User Agreement', and at the bottom right is a 'Sign in' link.

中文 English

# PowerView

E-mail or Phone Number

Code Send Code

Password

Confirm Password

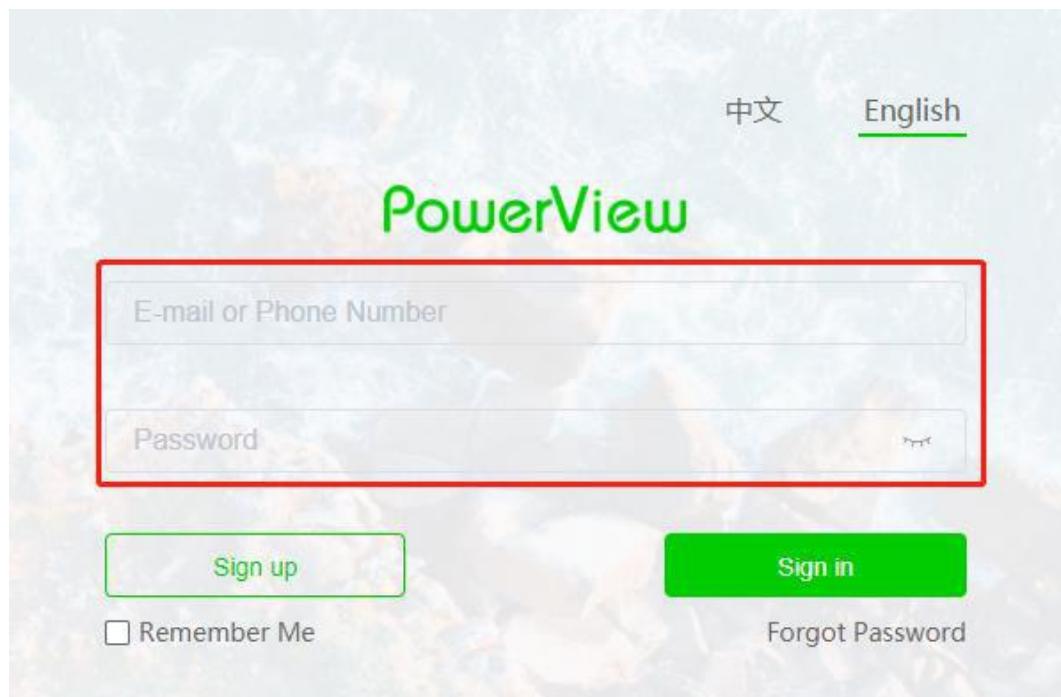
Sign up

Read and Accept User Agreement Sign in

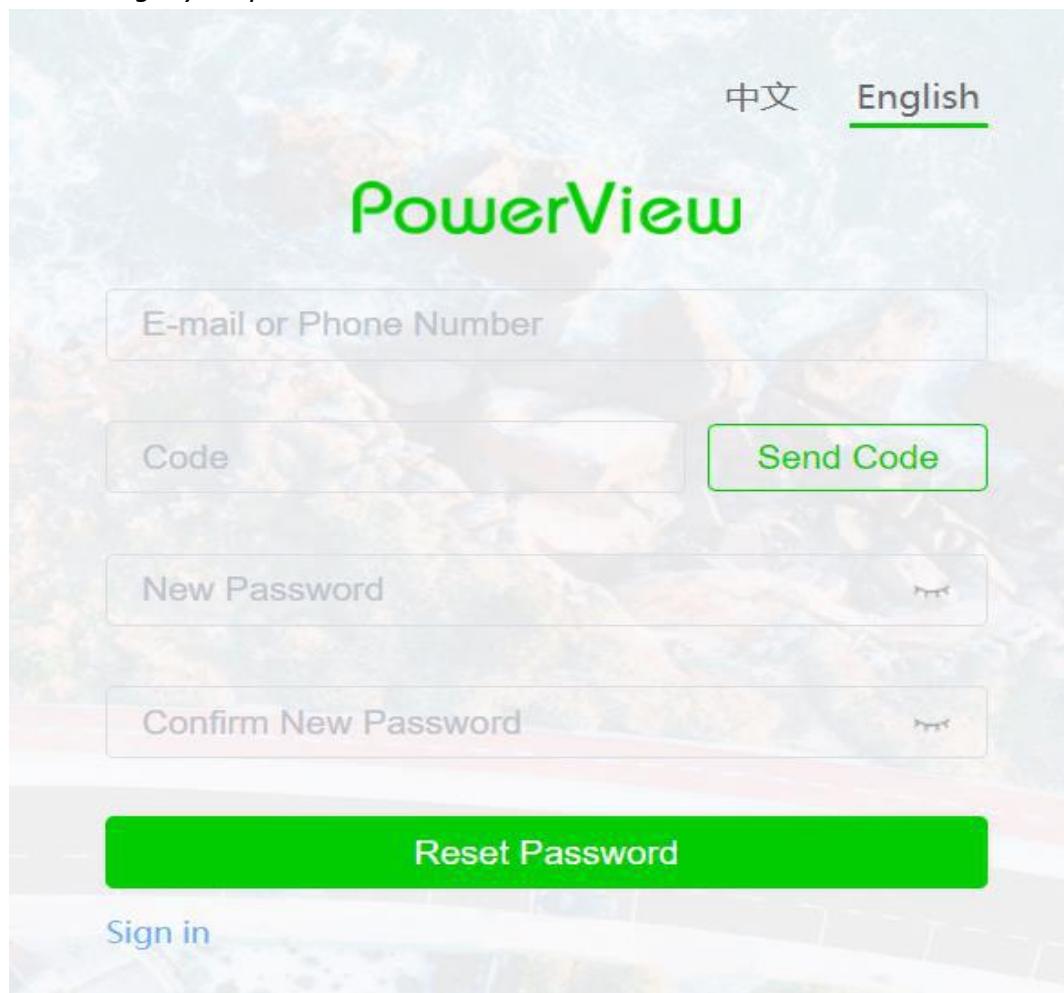
*Note: This Sign up process applies to only for End users, if Installer or Agent wants to apply for accounts, please email the request to [service@fox-ess.com](mailto:service@fox-ess.com)*

## 1.2 Log in

Enter email/ phone number and password and click **Sign in** to enter user main interface



*In case you forgot your login password, please click 'Forgot password' and fill in below details to get your password back.*



The image shows a 'Forgot Password' form on a PowerView website. The form is set against a background of a stadium with spectators. At the top right are language options: '中文' (Chinese) and 'English', with 'English' underlined. The 'PowerView' logo is prominently displayed in green. The form fields are: 'E-mail or Phone Number' (input type: text), 'Code' (input type: text), and 'Send Code' (button). Below these are 'New Password' and 'Confirm New Password' fields, each with a visibility toggle icon. A large green 'Reset Password' button is centered at the bottom. A 'Sign in' link is located at the bottom left of the form area.

中文 English

# PowerView

E-mail or Phone Number

Code

Send Code

New Password

Confirm New Password

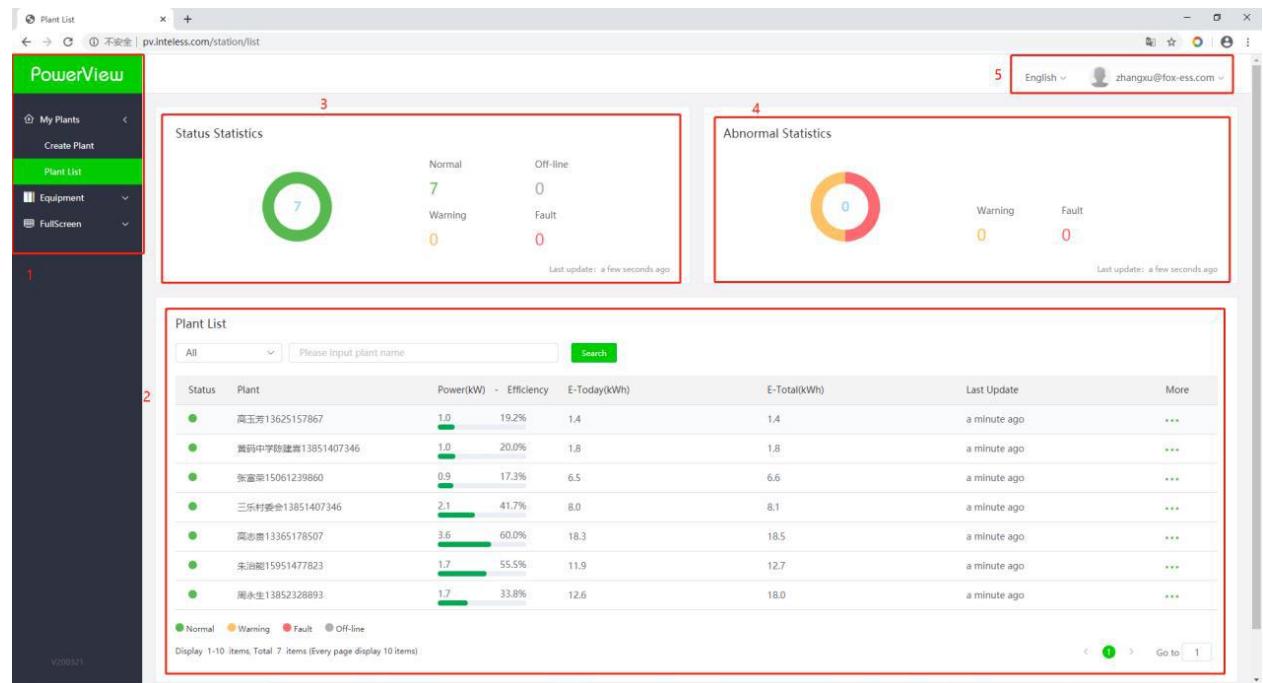
Reset Password

Sign in

## 2.The User Interface

### 2.1 Main Interface Description

The following interface will appear after User login.

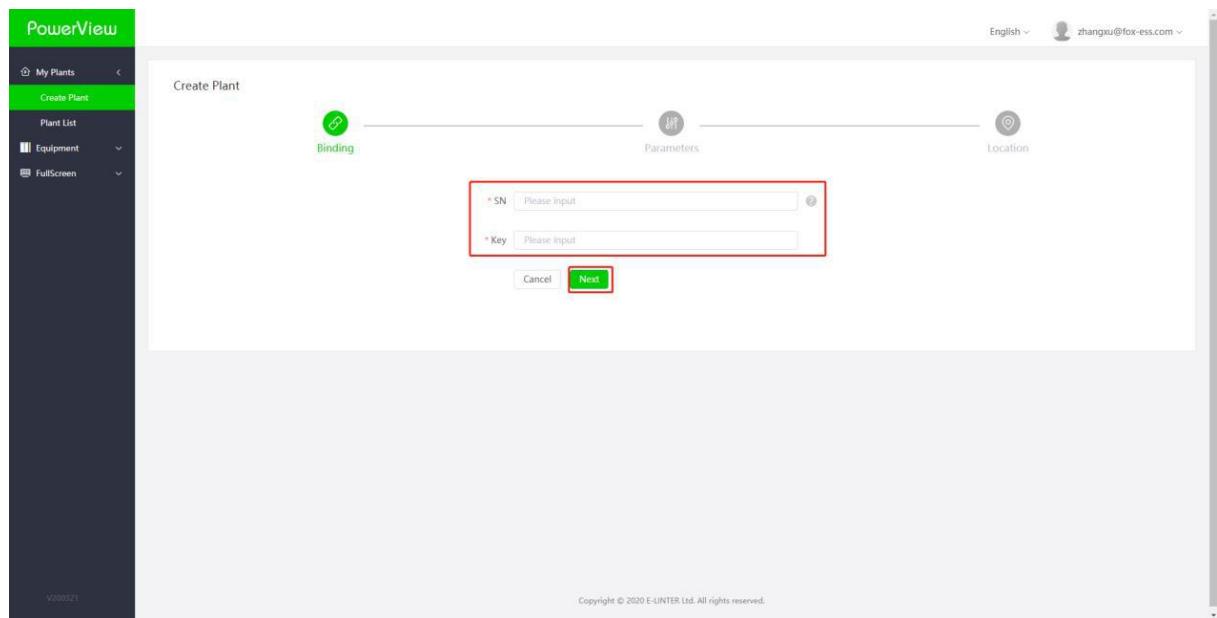


The screenshot shows the PowerView user interface. The left sidebar (1) contains 'My Plants', 'Create Plant', 'Plant List' (highlighted in green), 'Equipment', and 'FullScreen'. The main content area (2) shows a 'Plant List' table with 7 items. The table columns are: Status, Plant, Power(kW), Efficiency, E-Today(kWh), E-Total(kWh), Last Update, and More. The plants listed are: 高玉芳13625157867, 黄码中学陈建喜13851407346, 张富强15061239860, 三乐村委会13851407346, 高志杰1365178507, 朱治艳15951477823, and 周永生13852328893. Each row includes a green circular status indicator. Above the table are two donut charts: 'Status Statistics' (3) showing 7 Normal, 0 Off-line, 0 Warning, and 0 Fault; and 'Abnormal Statistics' (4) showing 0 Warning and 0 Fault. The top right corner (5) shows language selection (English), user information (zhangsu@fox-ess.com), and a sign-out link.

No	Description
1	Menu : My plants, Equipment and FullScreen
2	Plant list : Show all plants under the account
3	Status Statistics : All, normal, fault, warning, offline number of plants
4	Abnormal Statistics : Number of warning and Fault
5	Language selection , user information change , sign out

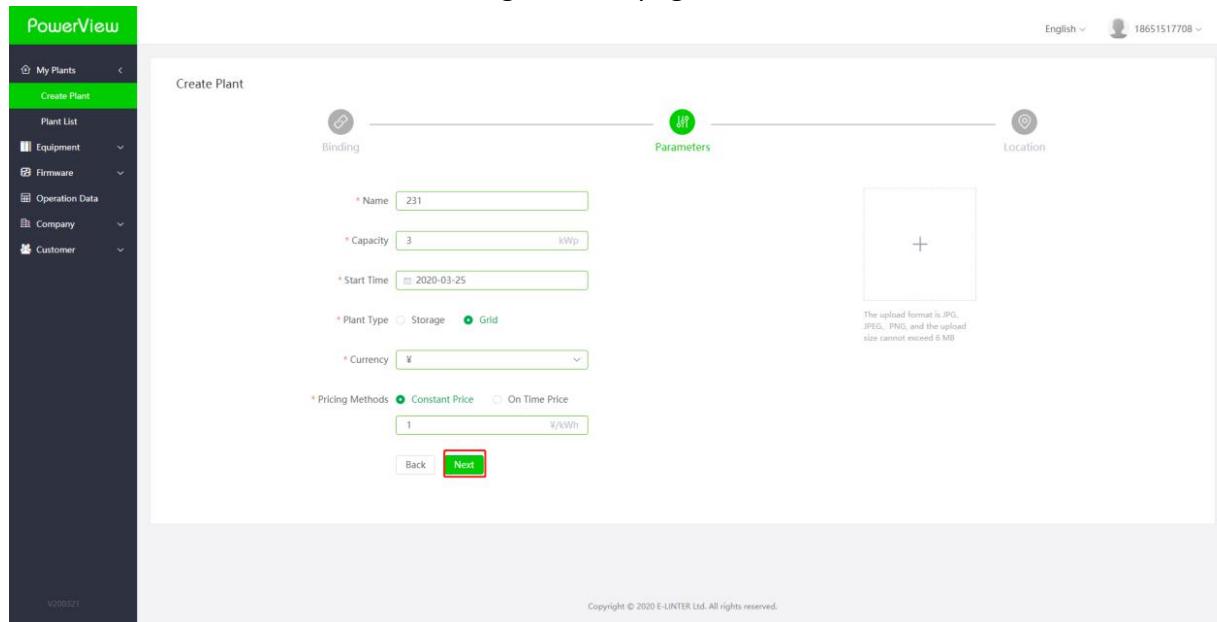
## 2.2 Create Plant

Enter SN(Device serial number) KEY , click **Next** and go to next page



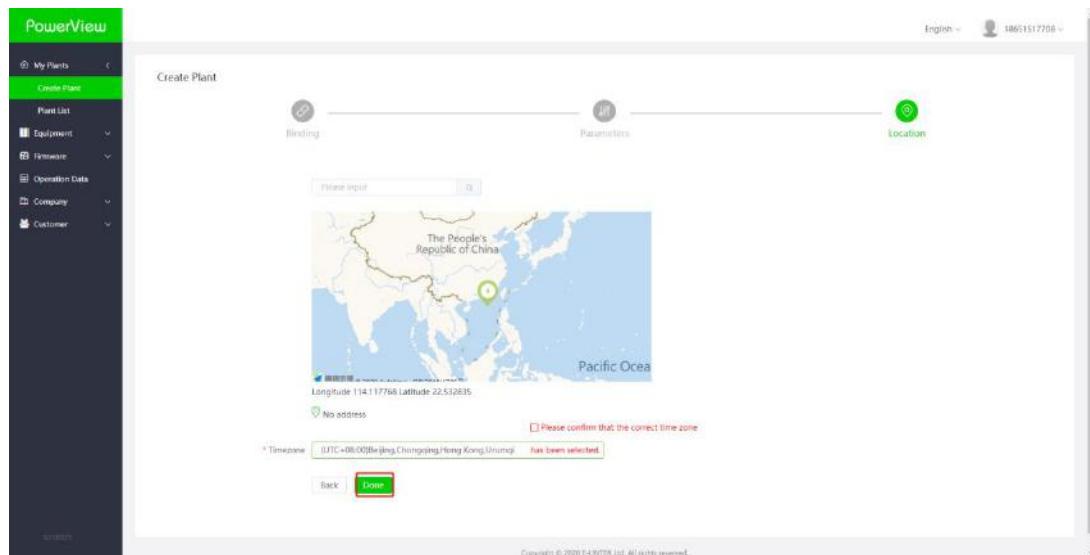
The screenshot shows the 'Create Plant' interface. On the left is a sidebar with 'PowerView' and 'My Plants' selected. The main area is titled 'Create Plant' and has three tabs: 'Binding', 'Parameters', and 'Location'. The 'Binding' tab is active. It contains fields for 'SN' (Please input) and 'Key' (Please input), both of which are highlighted with a red border. Below these fields are 'Cancel' and 'Next' buttons, with 'Next' being highlighted with a green border. The bottom right of the screen shows the copyright notice: 'Copyright © 2020 E-UNTER Ltd. All rights reserved.'

Fill in the information , click **Next** and go to next page



The screenshot shows the 'Create Plant' interface on the 'Parameters' tab. The sidebar and tabs are the same as the previous step. The 'Parameters' tab is active. It contains fields for 'Name' (231), 'Capacity' (3 kWp), 'Start Time' (2020-03-25), 'Plant Type' (Storage selected), 'Currency' (¥), and 'Pricing Methods' (Constant Price selected). Below these fields is a text input for '1 \$/kWh'. At the bottom are 'Back' and 'Next' buttons, with 'Next' being highlighted with a green border. The bottom right of the screen shows the copyright notice: 'Copyright © 2020 E-UNTER Ltd. All rights reserved.'

Capture the address on the map, select your time zone then click **Done** to finish plant creating



## 2.3 Plant List Description

Plant List								
Status		Plant	Power(kW)	Efficiency	E-Today(kWh)	E-Total(kWh)	Last Update	More
<span>●</span>	<span>●</span>	新齐晖15205235042	0.0	0.0%	0.0	0.1	5 hours ago	<span>1</span>
<span>●</span>	<span>●</span>	管金员13852371439	0.0	0.0%	0.0	0.2	5 hours ago	
<span>●</span>	<span>●</span>	高风悦011813343822	0.0	0.0%	0.3	0.4	5 hours ago	
<span>●</span>	<span>●</span>	王光国15052468771	0.0	0.0%	1.3	1.8	5 hours ago	
<span>●</span>	<span>●</span>	臧玉芳13625157867	0.0	0.0%	2.2	2.2	5 hours ago	
<span>●</span>	<span>●</span>	黄向中0708建南13851407346	0.0	0.0%	2.6	2.6	5 hours ago	
<span>●</span>	<span>●</span>	张富荣15061239860	0.0	0.0%	8.2	8.3	5 hours ago	
<span>●</span>	<span>●</span>	三乐村委员会13851407346	0.0	0.0%	10.4	10.5	5 hours ago	
<span>●</span>	<span>●</span>	高志来13365178507	0.0	0.0%	20.7	20.9	5 hours ago	
<span>●</span>	<span>●</span>	宋油船15951477823	0.0	0.0%	13.3	14.1	5 hours ago	

Normal Warning Fault Off-line  
Display 1-10 items, Total 11 items (Every page display 10 items)

◀ 1 ▶ Go to 1

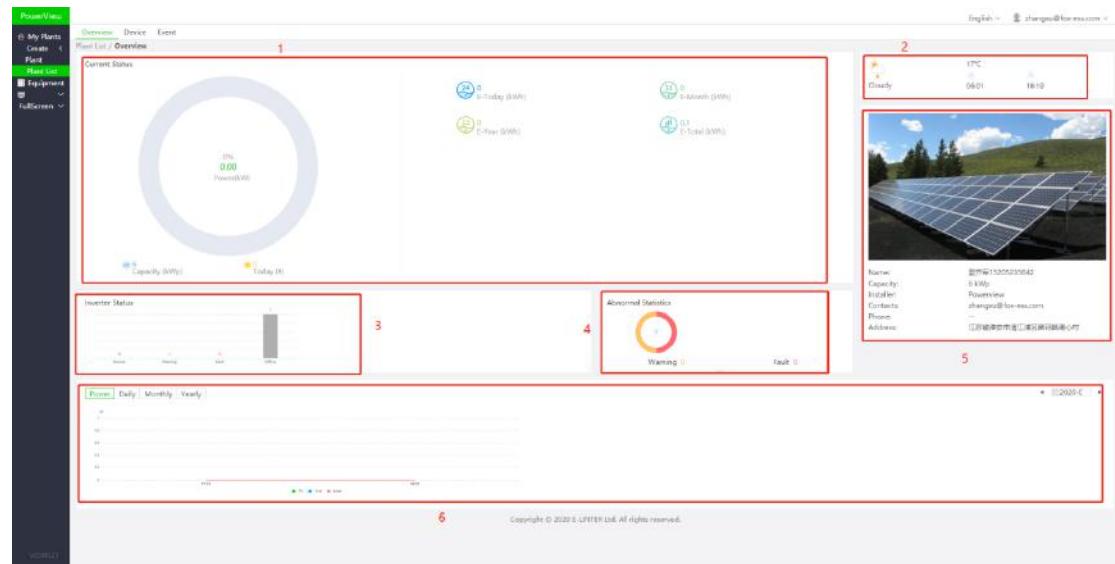
No	Description
1	Click [plant] enter to overview of plant
2	Add Equipment : add a equipment to the plant
3	Edit Plant : change the plant's information
4	Share Plant : Retention
5	Delete Plant

## 2.3.1 Overview Of Plant

Click **Plant** to enter plant's overview

Plant List							
Status Plant		Power(kW)	Efficiency	E-Today(kWh)	E-Total(kWh)	Last Update	More
●	崇左市15205235042	0.0	0.0%	0.0	0.1	4 hours ago	
●	管金凤13852371439	0.0	0.0%	0.0	0.2	4 hours ago	
●	高风龙的13813343822	0.0	0.0%	0.3	0.4	4 hours ago	
●	王兆国15052468171	0.0	0.0%	1.3	1.8	4 hours ago	
●	高玉秀13625157867	0.0	0.0%	2.2	2.2	4 hours ago	
●	黄码中学陈建富13851407346	0.0	0.0%	2.6	2.6	4 hours ago	
●	张富荣15061239860	0.0	0.0%	8.2	8.3	4 hours ago	
●	三乐村委会13851407346	0.0	0.0%	10.4	10.5	4 hours ago	
●	高志贵13365178507	0.0	0.0%	20.7	20.9	4 hours ago	

Parameters explanations on Overview page



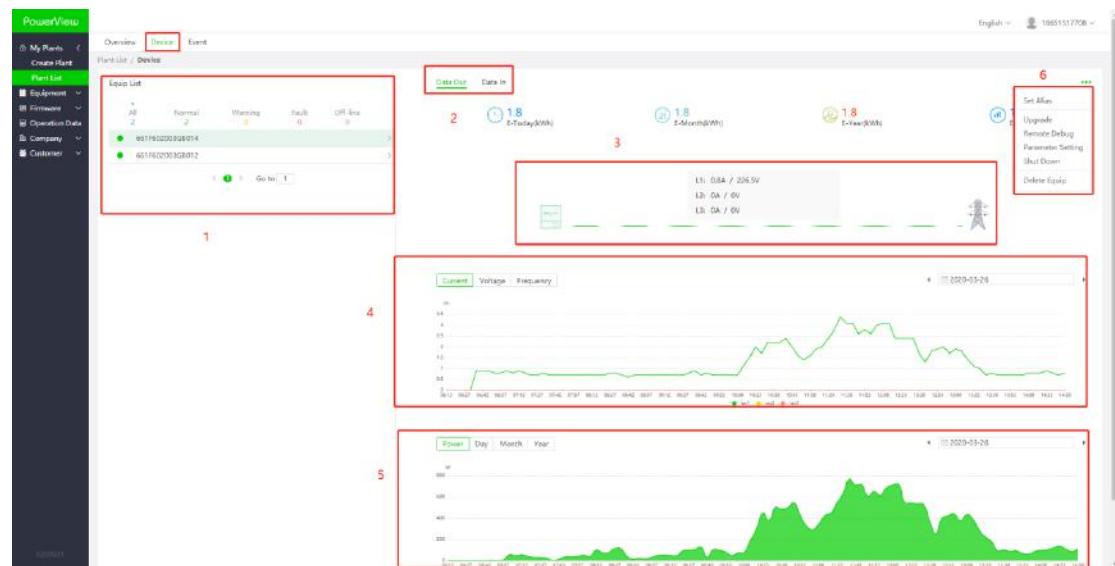
No	Description
1	Menu : My plants, Equipment and FullScreen
2	Plant list : Show all plants under the account
3	Status Statistics : All, normal, fault, warning, offline number of plants
4	Abnormal Statistics : Number of warning and Fault
5	Language selection , user information change , sign out

## 2.3.2 Device Under plant

Click **Plant list**

Plant List		Search					
Status	Plant	Power(kW)	Efficiency	E-Today(kWh)	E-Total(kWh)	Last Update	More
●	墨兴军15205235042	0.0	0.0%	0.0	0.1	4 hours ago	
●	管金凤13852371439	0.0	0.0%	0.0	0.2	4 hours ago	
●	高凤龙的13813343822	0.0	0.0%	0.3	0.4	4 hours ago	
●	王兆国15052468171	0.0	0.0%	1.3	1.8	4 hours ago	
●	高玉芳13625157867	0.0	0.0%	2.2	2.2	4 hours ago	
●	黄码中学陈建堂13851407346	0.0	0.0%	2.6	2.6	4 hours ago	
●	张富荣15061239860	0.0	0.0%	8.2	8.3	4 hours ago	
●	三乐村委13851407346	0.0	0.0%	10.4	10.5	4 hours ago	
●	高志忠13365178507	0.0	0.0%	20.7	20.9	4 hours ago	

Click **Device** to enter plant's overview



No	Description
1	Inverters list: show all inverters under the plant
2	Data out, Data in
3	Data flow graph
4	Voltage, current and Frequency line chart
5	Power generation
6	Set Alias, upgrade , remote debug , parameter setting , shut down , delete equipment

### 2.3.3 Event Under plant

Click **Plant** to enter plant's overview

Plant List

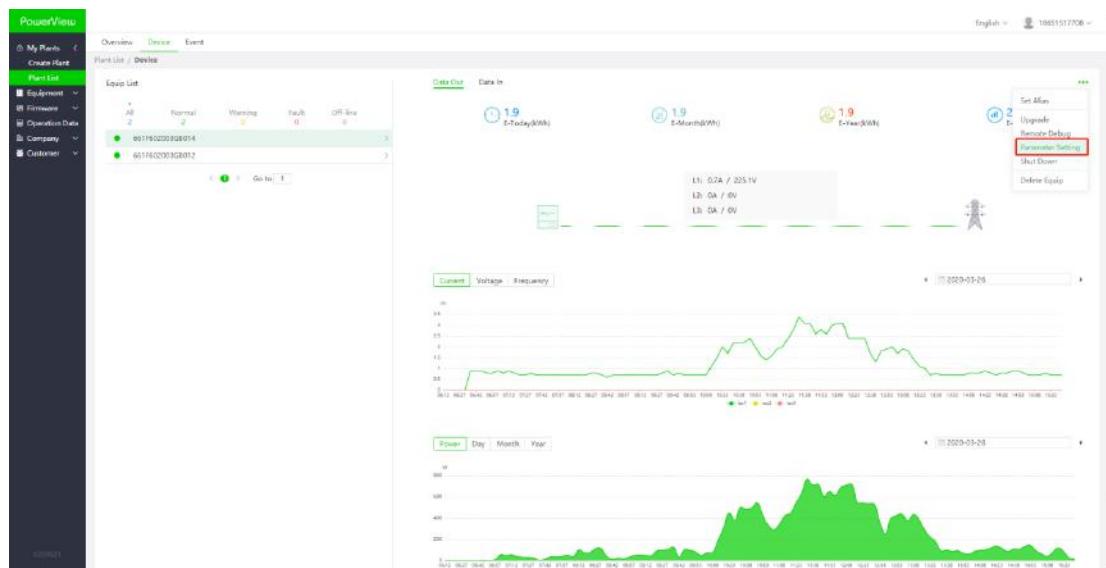
All	Please input plant name	Search					
Status	Plant	Power(kW)	- Efficiency	E-Today(kWh)	E-Total(kWh)	Last Update	More
●	墨兴军15205235042	0.0	0.0%	0.0	0.1	4 hours ago	
●	管金凤13852371439	0.0	0.0%	0.0	0.2	4 hours ago	
●	高凤龙的13813243822	0.0	0.0%	0.3	0.4	4 hours ago	
●	王兆国15052468171	0.0	0.0%	1.3	1.8	4 hours ago	
●	高玉芳13625157867	0.0	0.0%	2.2	2.2	4 hours ago	
●	黄码中学陈建波13851407346	0.0	0.0%	2.6	2.6	4 hours ago	
●	张富荣15061239860	0.0	0.0%	8.2	8.3	4 hours ago	
●	三乐村委13851407346	0.0	0.0%	10.4	10.5	4 hours ago	
●	高志忠13365178507	0.0	0.0%	20.7	20.9	4 hours ago	

Click **Event** to enter plant's overview and check device work status

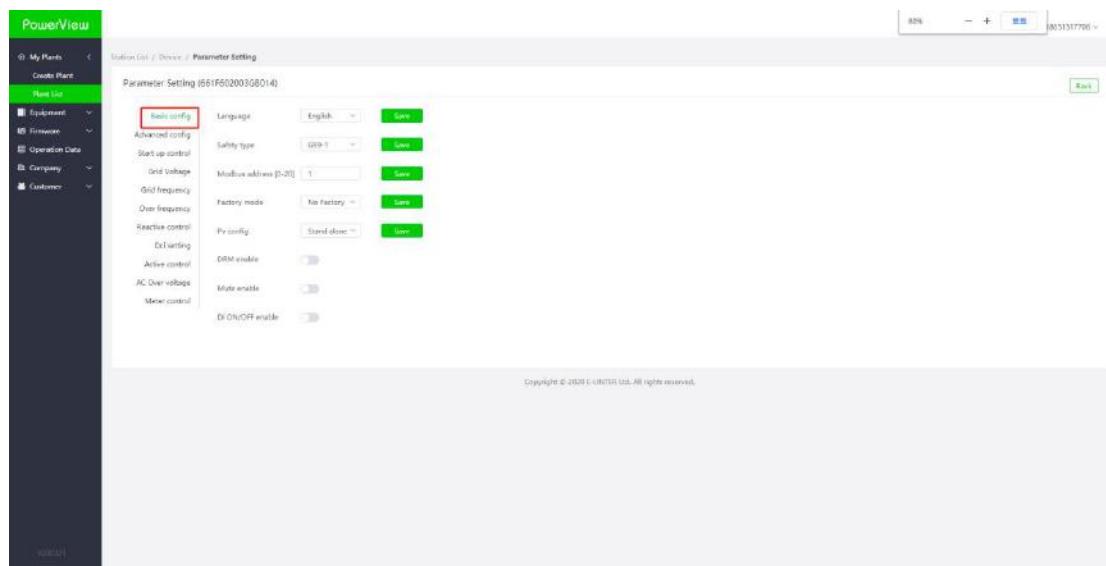
Status	SN	Message	Time	More
●	661F5020012G8022	1001 - Inverter Online	2020-01-29 00:00:40	<a href="#">Detail...</a>
●	661F5020012G8022	1001 - Inverter Online	2020-01-24 14:53:40	<a href="#">Detail...</a>
●	661F5020012G8022	32 - No utility	2020-01-24 14:54:27	<a href="#">Detail...</a>
●	661F5020012G8022	0 - Recovery from error	2020-01-24 11:43:03	<a href="#">Detail...</a>
●	661F5020012G8022	1001 - Inverter Online	2020-01-24 11:21:23	<a href="#">Detail...</a>
●	661F5020012G8022	30 - Ground fault	2020-01-24 11:27:26	<a href="#">Detail...</a>
●	E477012010319	1004 - Gateway Offline	2020-01-24 10:59:47	<a href="#">Detail...</a>
●	661F5020012G8022	30 - Ground fault	2020-01-24 10:53:34	<a href="#">Detail...</a>
●	661F5020012G8022	0 - Recovery from error	2020-01-24 10:43:30	<a href="#">Detail...</a>
●	661F5020012G8022	0 - Grid freq fault	2020-01-24 10:45:20	<a href="#">Detail...</a>

## 2.4 Remote setting

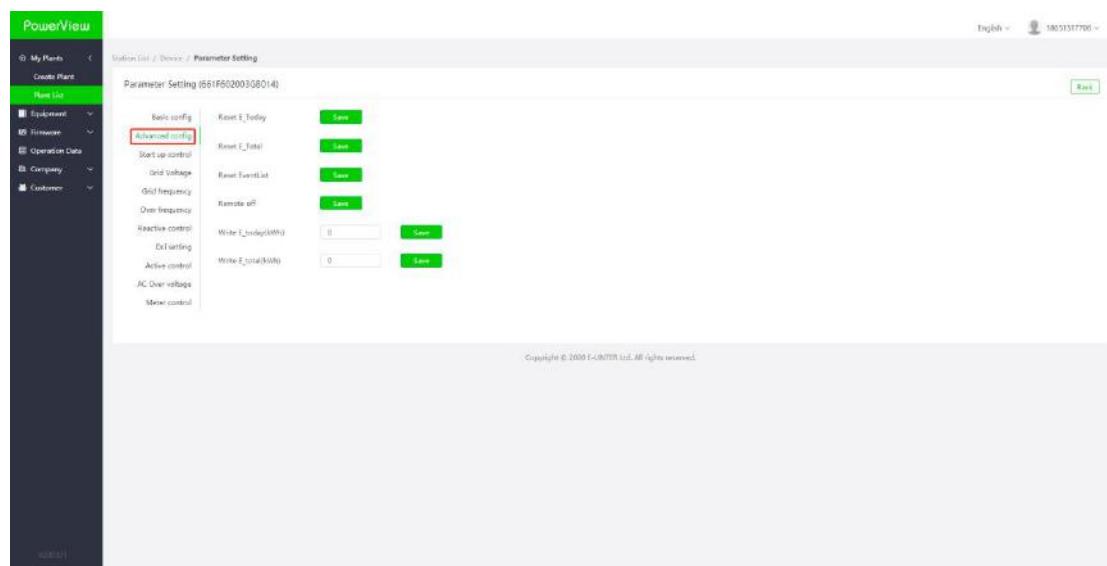
Click **parameter setting** to enter remote setting page



Basic config



## Advanced config



Parameter Setting (661F602003GB014)

Basic config

Advanced config

Start up control

Grid voltage

Grid frequency

Over frequency

Reactive control

Disturbing

Active control

AC Over voltage

Meter control

Reset E\_Today

Reset E\_Total

Reset EventList

Reset off

Write E\_Total(kWh)

Write E\_Total(kWh)

Save

Save

Save

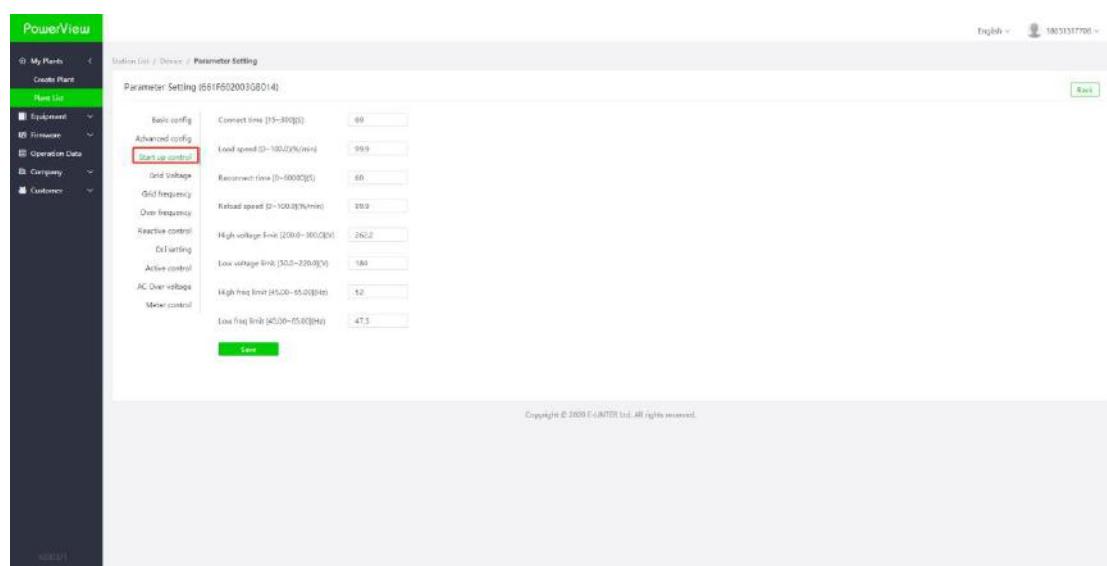
Save

Save

Save

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## Start up control settings



Parameter Setting (661F602003GB014)

Basic config

Advanced config

Start up control

Grid voltage

Grid frequency

Over frequency

Reactive control

Disturbing

Active control

AC Over voltage

Meter control

Connect time [15~300s]: 60

Load speed [0~100.0%/min]: 99.9

Reconnect time [0~10000ms]: 60

Reload speed [0~100.0%/min]: 99.9

High voltage limit [200.0~300.0V]: 262.2

Low voltage limit [30.0~220.0V]: 184

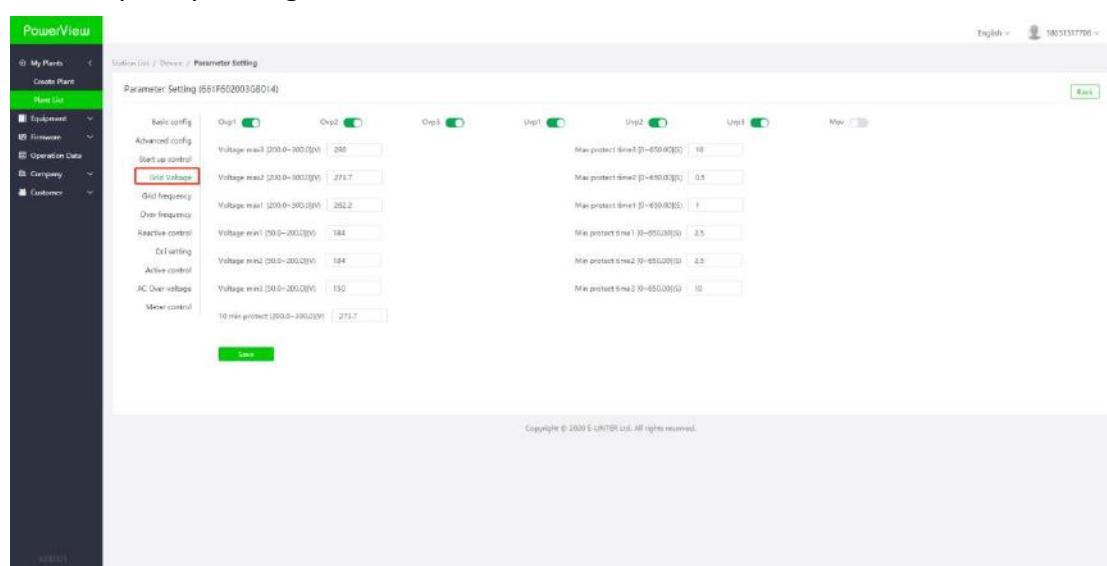
High freq limit [45.0~55.0Hz]: 52

Low freq limit [45.0~55.0Hz]: 47.5

Save

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## Grid frequency settings



Parameter Setting (661F602003GB014)

Basic config

Advanced config

Start up control

Grid voltage

Grid frequency

Over frequency

Reactive control

Disturbing

Active control

AC Over voltage

Meter control

Out1:

Out2:

Out3:

Out4:

Out5:

Out6:

Out7:

Out8:

Voltage max3 [200.0~300.0V]: 260

Voltage max2 [200.0~300.0V]: 273.7

Voltage max1 [200.0~300.0V]: 262.2

Voltage min1 [50.0~200.0V]: 184

Voltage min2 [50.0~200.0V]: 184

Voltage min3 [50.0~200.0V]: 150

Max protect time1 [0~650.000s]: 10

Max protect time2 [0~650.000s]: 0.5

Max protect time3 [0~650.000s]: 1

Min protect time1 [0~650.000s]: 2.5

Min protect time2 [0~650.000s]: 2.5

Min protect time3 [0~650.000s]: 10

10 min protect [100.0~300.0V]: 273.7

Save

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## Grid frequency settings

## Over frequency settings

## Reactive control settings

## Active control settings

Parameter Setting (661F602003GB014)

Basic config

Advanced config

Start up control

Grid voltage

Grid frequency

Over frequency

Reactive control

Detail setting

Active control

AC Over voltage

Meter control

Save

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## Ac over voltage settings

Parameter Setting (661F602003GB014)

Basic config

Advanced config

Start up control

Grid voltage

Grid frequency

Over frequency

Reactive control

Detail setting

Active control

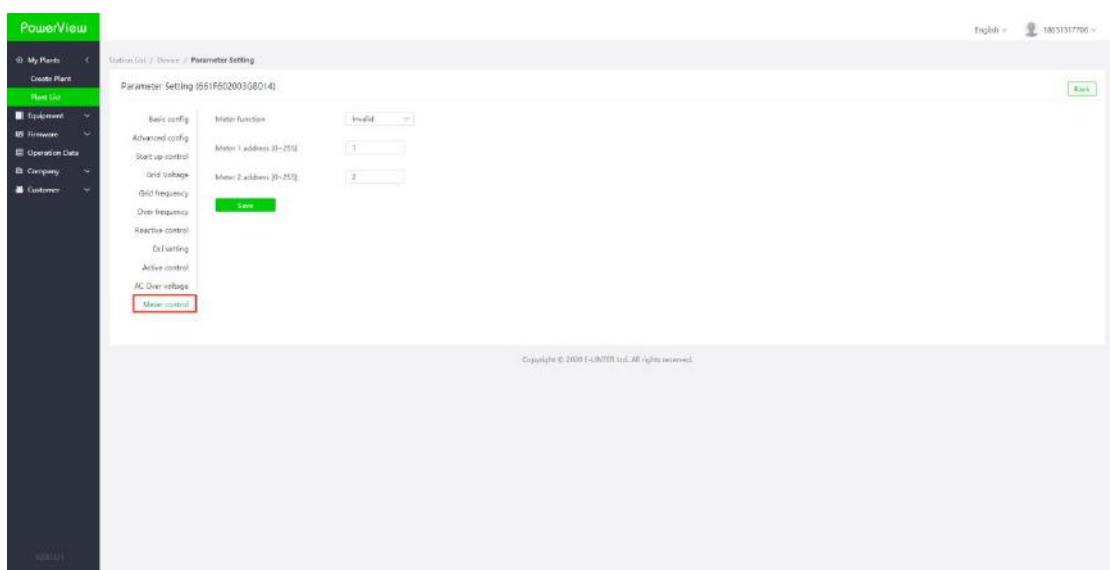
AC Over voltage

Meter control

Save

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## Meter control settings



PowerView

My Plant

Equipment

Parameter Setting

Basic config

Advanced config

Start up control

Meter 1 address 09-2510

Meter 2 address 09-2510

Save

Over frequency

Reactive control

De-rating

Active control

AC Over voltage

Meter control

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