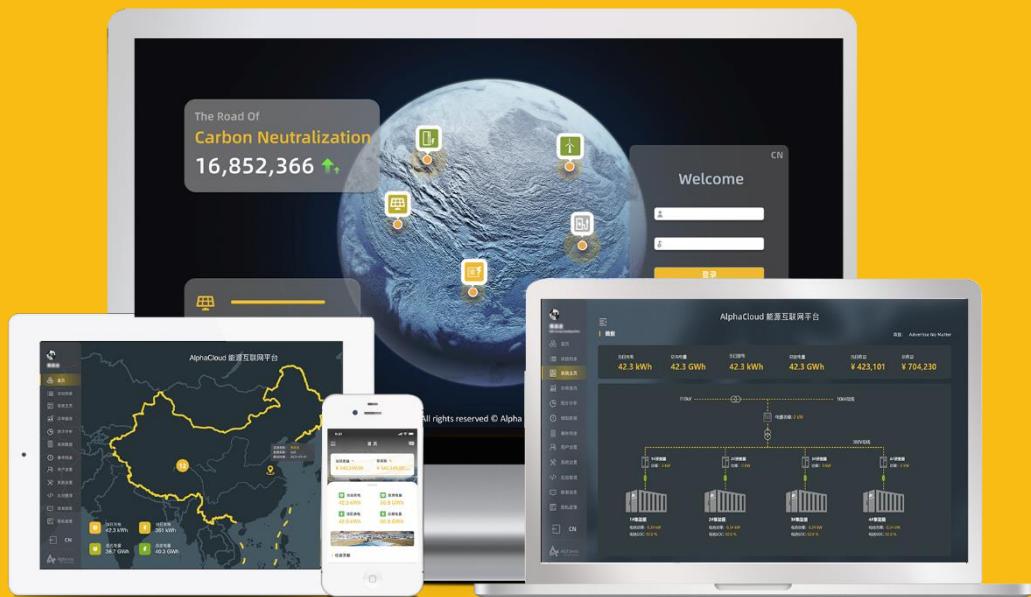




V01

# COMMERCIAL & INDUSTRIAL

# ALPHACLOUD END USER MANUAL



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## 1. Login Page

# C&I AlphaCloud

\* Account

\* Password

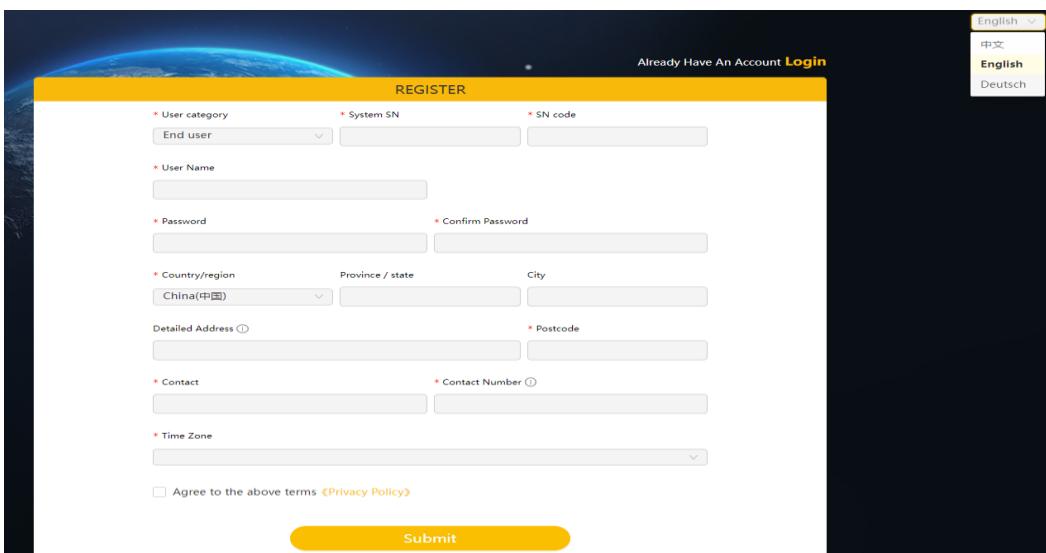
[Forget the password](#)

[Login](#)

[Register](#)

Enter your username and password, and click "Log in" to jump to the home page. In case of login failure, a reminder will appear stating "Incorrect username or password". Users who haven't registered need to click "Register" to register a new account first. If you have forgotten your password, please click "Forgot Password" on the login page.

### 1.1 Registration



The screenshot shows the registration page for C&I AlphaCloud. The page has a dark background with a yellow header bar. The header bar contains the word "REGISTER" in the center and "Already Have An Account [Login](#)" on the right. On the right side of the header, there is a language selection dropdown with "English" (highlighted in yellow), "中文", "English", and "Deutsch". The main form area contains the following fields:

- \* User category: End user (dropdown menu)
- \* System SN: (text input)
- \* SN code: (text input)
- \* User Name: (text input)
- \* Password: (password input)
- \* Confirm Password: (password input)
- \* Country/region: China(中国) (dropdown menu)
- Province / state: (text input)
- City: (text input)
- Detailed Address: (text input)
- \* Postcode: (text input)
- \* Contact: (text input)
- \* Contact Number: (text input)
- \* Time Zone: (dropdown menu)
- Agree to the above terms. [Privacy Policy](#)
- [Submit](#)

Fields marked with a "\*" indicate mandatory information. The information provided during registration must be genuine and valid, and the time zone in

the mandatory fields must accurately reflect the user's actual time zone. In case of language barriers, users can select different languages in the top right corner of the page. Currently, Chinese, English, and German are available for selection.

## 1.2 Forgot Password

Enter your username (email) and click on "Get Verification Code" (as shown in Figure 1.2.1). A verification code for password recovery will be sent to your email address (as shown in Figure 1.2.2). Enter the verification code received in your email and click 'Next Step' to proceed to the password reset page (as shown in Figure 1.2.3). In the respective input fields, enter your "Password" and "Confirm Password", then click "Submit" to complete the password reset process.

Forget the password

\* User Name

\* Verification Code

Get verification code

Next Step

Figure 1.2.1

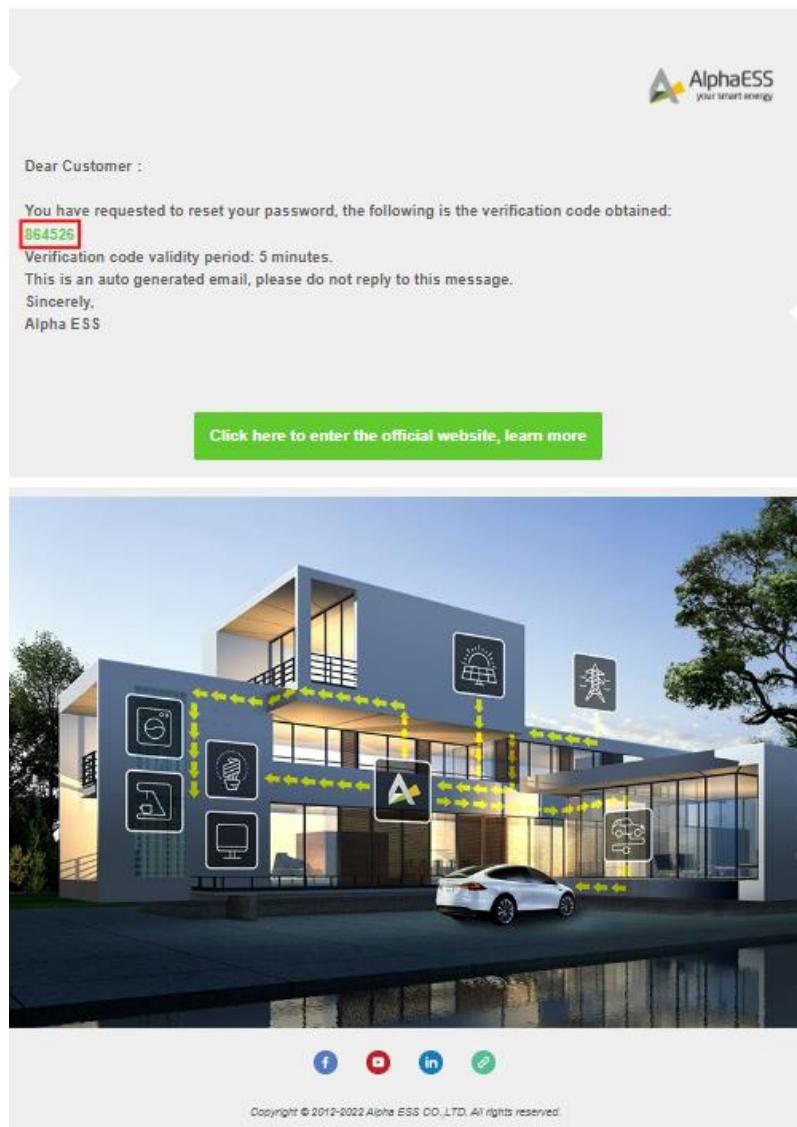


Figure 1.2.2

The image shows a 'Forget the password' form. The title 'Forget the password' is at the top in a yellow bar. Below it are two input fields: one for 'Password' and one for 'Confirm Password', both marked with a red asterisk. At the bottom are two buttons: 'Submit' in a yellow box and 'Login' in a white box.

Figure 1.2.3

## 2. Home Page

### 2.1 Summary Information

Summary Information on the Home Page:

For Admin: Provides a summary of all stations' information.

For Installers: Provides a summary of all stations bound to their License.

For End Users: Provides a summary of stations bound to their accounts.

(As shown in the image)



The sum of the battery total capacity entered in the basic station information.

PCS Total Power: The sum of the installed power entered in the basic station information.

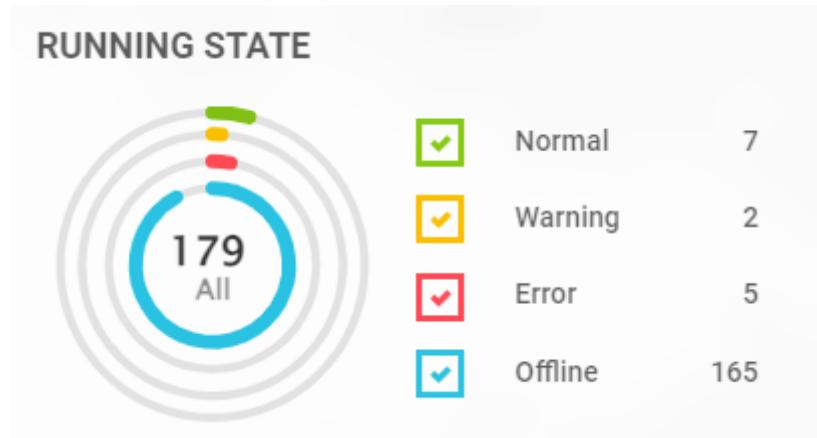
Total Photovoltaic (PV) Generation: The aggregated energy value from the "Photovoltaic Grid-Connected Point Meter" in the station or the aggregated energy value from the total PV generation uploaded by the DC/AC in the PCS.

Photovoltaic Generation: The daily aggregated energy value from the "Photovoltaic Grid-Connected Point Meter" in the station or the daily total PV generation uploaded by the DC/AC in the PCS (as shown in the above figure).

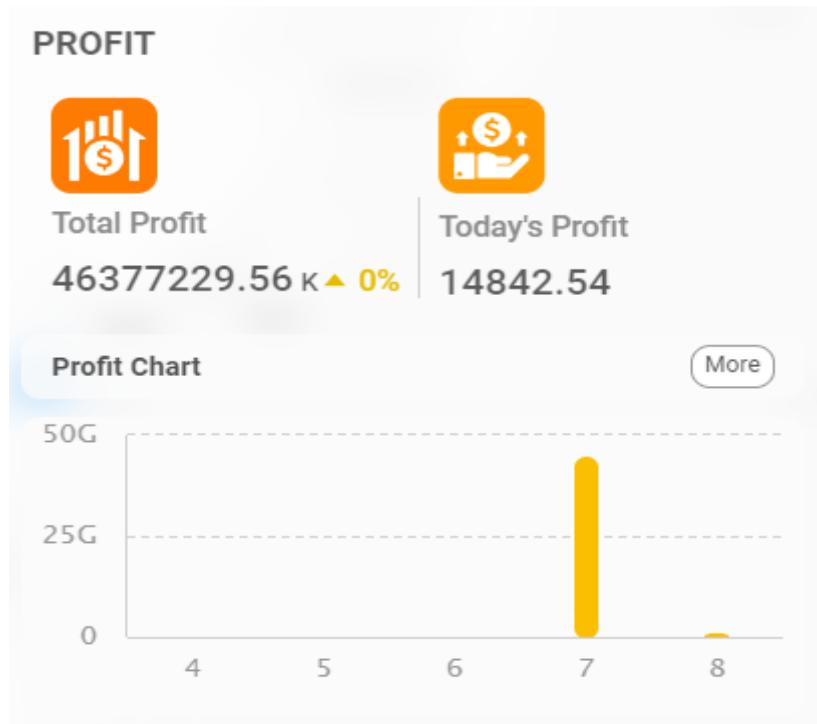


Total Charge & Total Generation: If the station has an "Energy Storage Grid-Connected Point Meter", then the energy value is taken from the statistical summary of that meter. If not, the value is taken from the energy statistics summary on the DC side of the PCS.

Daily Charge & Daily Generation: If the station has an "Energy Storage Grid-Connected Point Meter", then the energy value for the day is taken from the daily statistics of that meter. If not, the value is taken from the daily statistics on the DC side of the PCS (as shown in the above figure).



There are 4 running states for all systems under each station (as shown in the above figure).



Summarized profit for all stations. Click "More" to go to the Statistical Analysis - Profit Analysis page (as shown in the above figure).



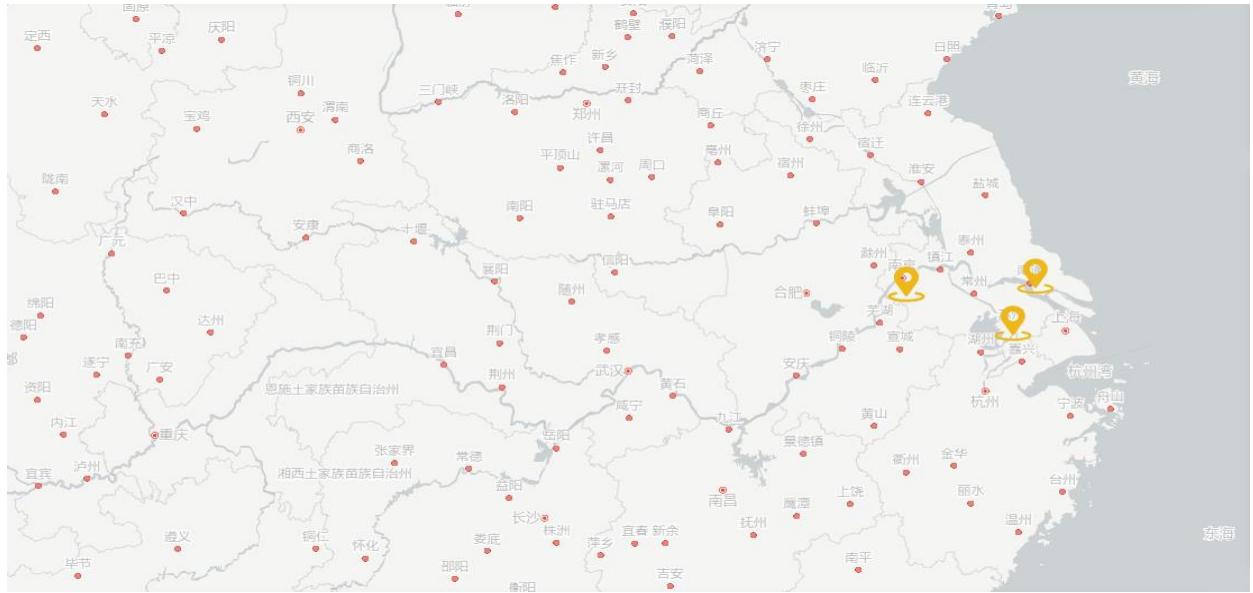
CO2 Emission Reduction: (Total PV Generation + Total Discharge \* 0.618) \* 0.86 / 1000

Cumulative Coal Savings: (Total PV Generation + Total Discharge \* 0.618) \* 0.36 / 1000

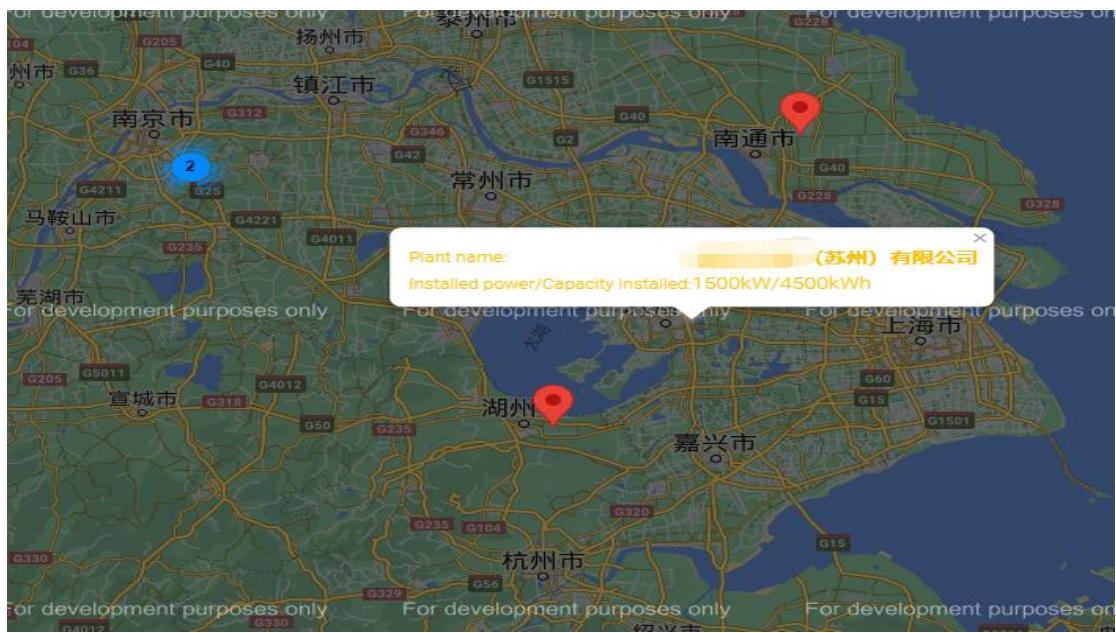
Equivalent Afforestation: (Total PV Generation + Total Discharge \* 0.618) \* 0.86 / 5023

(as shown in the above figure)

## 2.2 Map



The points shown in the figure represent the locations of end users (as shown in the above figure).



After clicking on the coordinates, an information prompt panel will appear. Clicking on the project name in this information panel will navigate to the station overview (as shown in the above figure).

### 3. Station List

Plant list

Theme mode  English 

Channel SN	Plant name	Location	Installed Power/kW	Capacity installed/kWh	PV installed/kWp	Status
内部测试	南京	2500	4439.99	2500	2500	Abnormal
内部测试	南京	2500	4439.99	2500	2500	Normal

The Admin account can see all station information; the installer can see all station information associated with their linked end users; end users can only see information about stations linked to their own accounts. Clicking on a row in the table allows the selection of that station in the system.

**Main Channel:** If the station has a SCADA device, it is the SN of that device; otherwise, it is the SN of the EMS.

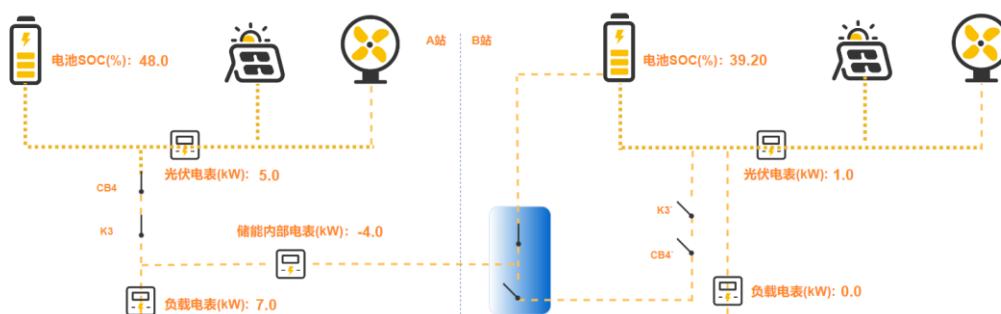
**Station Name:** Allows for a fuzzy search based on the station name.

### 4. Station Overview

Plant overview

Theme mode  English 

CHARGE TODAY	DISCHARGE TODAY	TOTAL CHARGED	TOTAL DISCHARGED	TODAY'S PROFIT	TOTAL PROFIT
0.00 kWh	0.00 kWh	0.00 kWh	0.00 kWh	0	0



电池SOC(%): 48.0

光伏电表(kW): 5.0

储能内部电表(kW): -4.0

负载电表(kW): 7.0

电池SOC(%): 39.20

光伏电表(kW): 1.0

负载电表(kW): 0.0

Display options for the station include daily charge and discharge, total charge and discharge, daily profit, and total profit statistics. Above is a topological map showing the deployment status of the station. It can dynamically display real-time information such as the remaining State of Charge (SOC) of batteries, power values of meters, and the direction of current flow (as shown in the above figure).

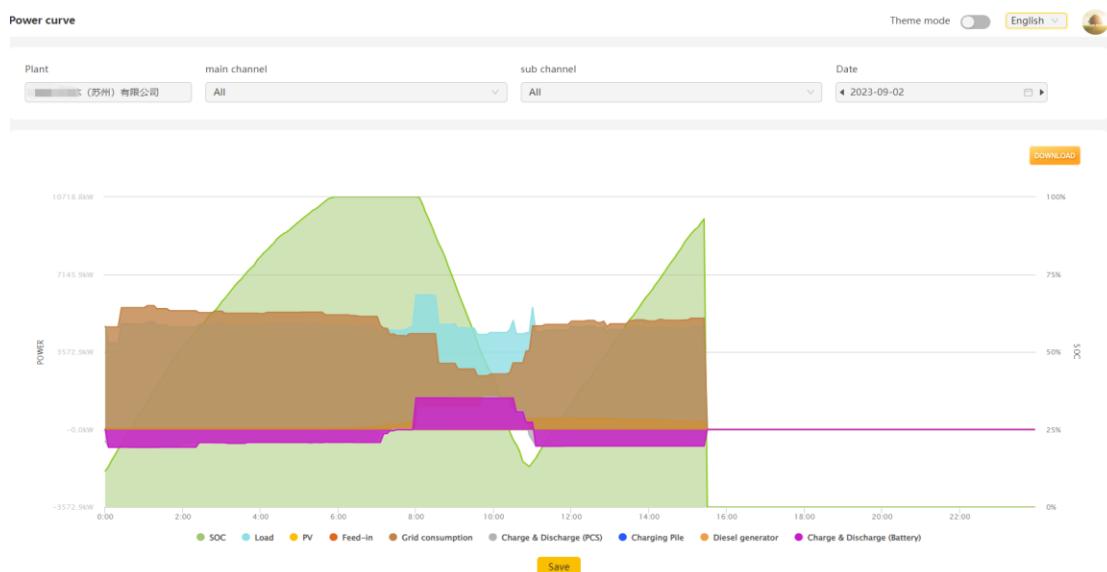
## 5. Channel List

The screenshot shows a table with columns: Serial number, main channel, sub channel, Power, System model, and channel status. There are two entries: one for Serial number 1 with main channel AT100012212002 and sub channel AT1000122120002, and another for Serial number 2 with main channel AT100012212001 and sub channel AT1000122120001. Both entries show a green 'Normal' status. The table includes a search bar at the top and a footer with a total of 2 entries and a page number 1.

Station (Search Conditions): Not modifiable.

Main Channel: If the station has a SCADA device, it is the SN of that device; otherwise, it is the SN of the EMS, supporting fuzzy search.

Status: Includes Offline, Normal, Alert, Fault. Clicking "Search" allows the filtering of channel lists based on the specified conditions (as shown in the above figure).



1. Station (Filter Conditions): Not modifiable.

Main Channel: If the station has a SCADA device, it is the SN of that device; otherwise, it is the SN of the EMS.

Subchannel: The SN of EMS.

Date: The summary date for the search.

2. Line Chart: When the mouse is placed on the curve, a pop-up box displays various data points corresponding to the selected time.

SOC: The total remaining capacity of all batteries in the entire station

divided by the total rated capacity of all batteries.

Load: The power value read by the load meter. If there is no load meter, it is calculated as the sum of high-voltage or low-voltage meter grid consumption power + PV meter generation power - DC/AC charging power. If there are no high-voltage or low-voltage meters, it is calculated as the sum of DC/AC discharging power + PV meter generation power.

PV: Power value read by the PV meter.

Feed-in: If there is a high-voltage side meter, use the power value from the high-voltage side meter; otherwise, use the power value from the grid interface meter.

Grid Consumption: If there is a high-voltage side meter, use the power value from the high-voltage side meter; otherwise, use the power value from the grid interface meter.

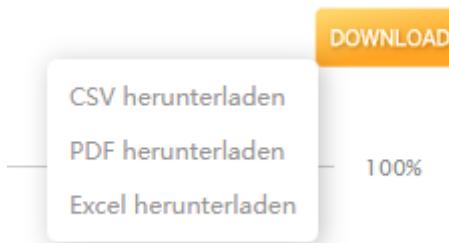
Charge/Discharge (PCS): Read the total power (PAC) of the DC/AC device.

EV Charger (Charging Pile): Power value read by the EV Charger meter.

Diesel Generator: Total power (PAC) uploaded by the diesel generator.

Energy Storage Charge/Discharge (Battery): Power value read by the energy storage side meter.

3. Save Button: Choose to display or hide the selected statistical items below the curve. After saving, the system will remember this setting for the next login, displaying or hiding the selected curves accordingly.
4. Download Button: Download files in the corresponding format (as shown in the figure below).



## 6. Statistical Analysis

### Power Consumption Statistics

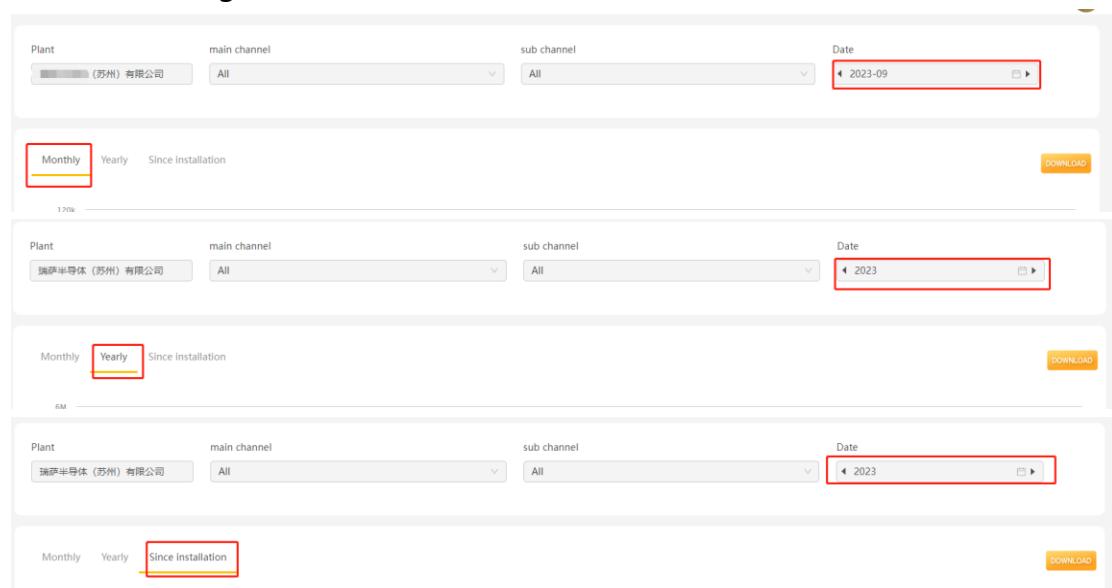


#### 1. Station (Filter Conditions): Not modifiable.

Main Channel: If the station has a SCADA device, it is the SN of that device; otherwise, it is the SN of the EMS.

Subchannel: The SN of EMS.

Date: The summary date for the search. For monthly statistics, the default is the current year and month; for annual statistics, the default is the current year. If selecting from the installation date, it defaults to the current year (as shown in the figure below).



2. Line Chart: When the mouse is placed on the curve, a pop-up box displays various data points corresponding to the selected time.

PV Generation: Calculate the sum by subtracting the first data point from the last data point of the daily energy values obtained from the PV meter, with a statistical frequency of once per hour.

Feed-in: Calculate the sum by subtracting the first data point from the last data point of the daily energy values obtained from the grid interface meter, with a statistical frequency of once per hour. (Negative meter readings indicate feed-in.)

Grid Consumption: Calculate the sum by subtracting the first data point from the last data point of the daily energy values obtained from the grid interface meter, with a statistical frequency of once per hour. (Positive meter readings indicate grid consumption.)

Charge (PCS): Calculate the sum by subtracting the first data point from the last data point of the total DC charging energy on the DC side of the DC/AC device, with a statistical frequency of once per hour.

Discharge (PCS): Calculate the sum by subtracting the first data point from the last data point of the total DC discharging energy on the DC side of the DC/AC device, with a statistical frequency of once per hour.

EV Charger (Charging Pile): Calculate the sum by subtracting the first data point from the last data point of the daily energy values obtained from the EV Charger meter, with a statistical frequency of once per hour.

Energy Storage Charge (Battery): Calculate the sum by subtracting the first data point from the last data point of the daily charging energy obtained from the energy storage side meter, with a statistical frequency of once per hour.

Energy Storage Discharge (Battery): Calculate the sum by subtracting the first data point from the last data point of the daily discharging energy obtained from the energy storage side meter, with a statistical frequency of once per hour.

3. Download files in the corresponding format (as shown in the figure below).

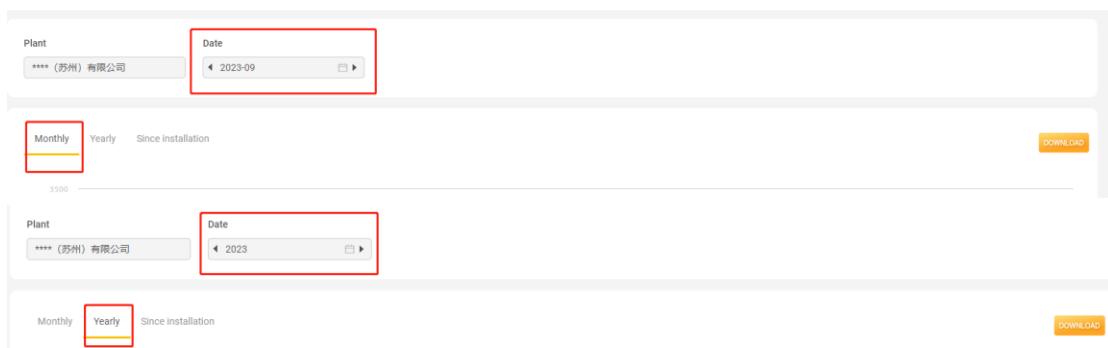


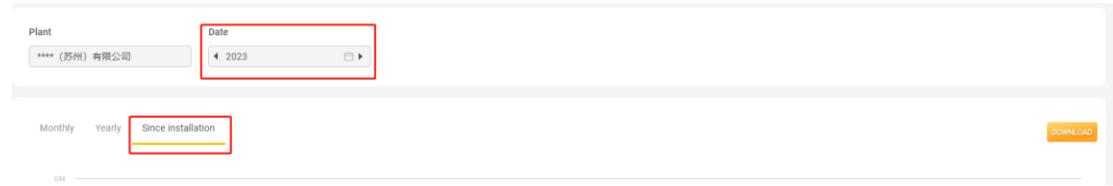
## 6.2 Profit Statistics



Station (Filter Conditions): Not modifiable.

Date: The summary date for the search. For monthly statistics, the default is the current year and month; for annual statistics, the default is the current year. If selecting from the installation date, it defaults to the current year (as shown in the figure below).





1. Load-shifting: Sum of discharge amount during the time periods set for standard tariff, peak tariff, valley tariff, and critical peak tariff, multiplied by the electricity price. Statistical frequency is once per hour.
2. Discharge Profit: Sum of discharge amount during the time periods set for standard tariff, peak tariff, valley tariff, and critical peak tariff, multiplied by the electricity price for wind and photovoltaic power. Statistical frequency is once per hour. (Negative meter readings indicate feed-in.) Note: There may be duplicate statistics for wind and photovoltaic power.
3. Feed-in Profit: Sum of feed-in amount from the grid interface meter multiplied by the feed-in tariff. Statistical frequency is once per hour. (Negative meter readings indicate feed-in.)
4. Photovoltaic Profit: Sum of discharge amount from the photovoltaic meter and the total DC discharging amount from the total DC branch during the time periods set for standard tariff, peak tariff, valley tariff, and critical peak tariff, multiplied by the electricity price. Statistical frequency is once per hour.
5. Download Button: Download files in the corresponding format (as shown in the figure below).



## 7. Energy Storage System Maintenance

### 7.1 Adding New Channels to the Station

Storage maintenance / Add a new channel at the station

Theme mode  English

\* main channel

\* Check code

Save

Log in as an end user or installer. Establish an association between the main channel SN and the verification code. If the SN is already associated with a station, it cannot be added again. After clicking "Save", when the device comes online and uploads device information, the "Channel List" corresponding to this account will display the added SN.

## 8. Station Parameters Configuration

### 8.1 Electricity Price Settings

Plant parameter configuration / electricity Price Setting

Theme mode  English

Peak Tariff	Standard Tariff	Off-Peak Tariff	Sharp Tariff	Feed-in Tariff	Currency
1.1366	0.6609	0.2766	1.41	0	\$

Save

1

2

3

Time Period	Type
00:00 - 08:00	Talstrompreis

Time Period Type

08:00 - 11:00 Spitzenstrompreis

11:00 - 14:00 Standardstrompreis

14:00 - 15:00 Scharfer Strompreis

15:00 - 18:00 Standardstrompreis

18:00 - 22:00 Spitzenstrompreis

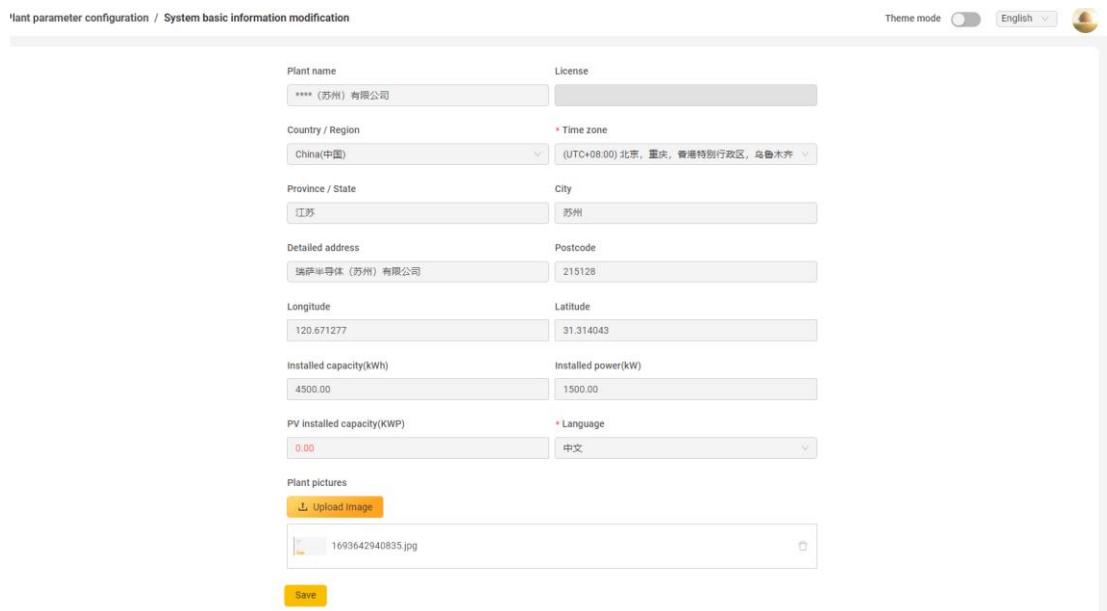
Time Period

1. Electricity prices are divided into five types: Peak Tariff, Standard Tariff, Valley Tariff, Critical Peak Tariff, Feed-in Tariff (as shown in the red box 1 in the figure above).
2. You can set the currency for electricity prices, and this currency settings are effective for the entire station (as shown in the red box 2 in the figure above).
3. Set the time range and electricity price type for electricity prices. You can set up to

8-time ranges. Click the "+" icon to add a time range and click the "-" icon to delete a time range (as shown in the red box 3 in the figure above).

4. Click the "Save Settings" button to save the electricity price settings.

## 8.2 Station Basic Information Modification



Plant parameter configuration / System basic information modification

Plant name: \*\*\*\* (苏州) 有限公司

License: (Redacted)

Country / Region: China(中国) Time zone: (UTC+08:00) 北京, 重庆, 香港特别行政区, 乌鲁木齐

Province / State: 江苏 City: 苏州

Detailed address: 瑞萨半导体(苏州)有限公司 Postcode: 215128

Longitude: 120.671277 Latitude: 31.314043

Installed capacity(kWh): 4500.00 Installed power(kW): 1500.00

PV Installed capacity(KWP): 0.00 Language: 中文

Plant pictures

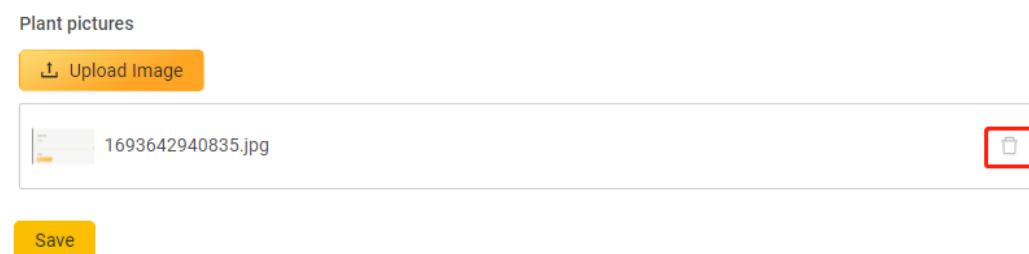
Upload Image

1693642940835.jpg

Save

### Note:

1. License cannot be modified; only the installer has access to the License.
2. The time zone must be selected correctly, as the system relies on accurate time zone settings for data presentation and calculations.
3. Uploading images: As shown in the figure below, after uploading is complete, you can click on the delete icon to upload images, as indicated in the red box below.



4. After completing the settings, click the "Save" button to save the station information.

## 8.3 Control Strategies

Plant parameter configuration / Control strategy

Theme mode  English 

Plant	main channel	sub channel
**** (苏州) 有限公司	AE6010522070004	AE6010522070004

On-grid Control Strategy Selection

Automatic Control

Basic Parameters

Scheduling Function

Diesel Genset

Self-consumption

Charge and discharge timing

Shaving peaks and filling valleys

Pmeteroffset

On-grid Control Strategy Selection

Automatic Control

Self-consumption

Charge and discharge timing

**Automatic Control**

Shaving peaks and filling valleys

Pmeteroffset

FM parameters

Demand management

Choose the corresponding parameters for the selected grid connection control strategy. In automatic mode, you can choose to issue instructions for self-consumption, scheduled charge/discharge, peak shaving and valley filling, and limited power support.

### 1. Self-consumption:

Application Scenario: Self-consumption reserved SOC, i.e., the discharge cut-off SOC. When  $SOC < \text{set value}$ , the system stops discharging, and RRCR is enabled (as shown in the figure below).

Self-consumption

\* ups\_reserve\_soc

10 %

**Save**

## 2. Scheduled Charge/Discharge:

Set the charging time, charging cut-off SOC, and charging power for this time period.

Set the discharging time, discharging cut-off SOC, and discharging power for this time period (as shown in the figure below).

Charge and discharge timing

Timed Charge/Discharge Enable

Charge

Charge time1	00:00 - 00:00	Charging Starts at SOC	0 %	Charging power	0 kw
Charge time2	00:00 - 00:00	Charging Starts at SOC	0 %	Charging power	0 kw
Charge time3	00:00 - 00:00	Charging Starts at SOC	0 %	Charging power	0 kw
Charge time4	00:00 - 00:00	Charging Starts at SOC	0 %	Charging power	0 kw

Discharge

Discharge time1	00:00 - 00:00	Discharge Mode	Self-consumption	Discharging Cut off SOC	5 %
Discharge time2	00:00 - 00:00	Discharge Mode	Self-consumption	Discharging Cut off SOC	5 %
Discharge time3	00:00 - 00:00	Discharge Mode	Self-consumption	Discharging Cut off SOC	5 %
Discharge time4	00:00 - 00:00	Discharge Mode	Self-consumption	Discharging Cut off SOC	5 %

**Save**

## 3. Demand Management:

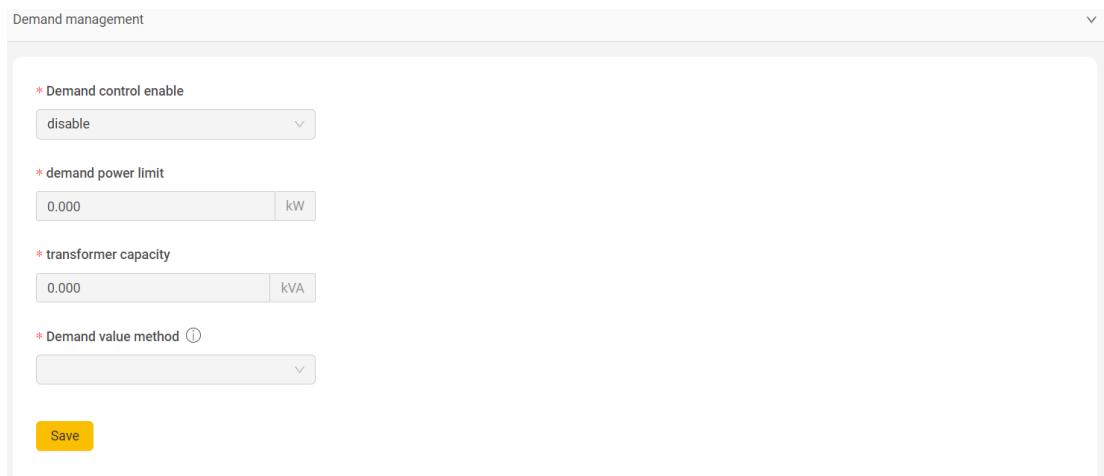
Application Scenario: Used in enterprises incurring high demand charges.

Function Description: When the trigger of the maximum demand threshold occurs, energy storage discharges promptly to support, ensuring that the current maximum power does not exceed the maximum demand value.

Parameter Introduction:

- Demand Control Enable: Enable or disable this function.
- Maximum Demand Threshold: The customer sets the maximum demand value for the current month.
- Transformer Capacity: Rated capacity of the transformer.
- Demand Acquisition Method: set\_value/meter\_value. There are two ways to obtain the demand value: one is to execute based on the user-set value, and the other is to retrieve the maximum demand value

statistically calculated by the meter on the last settlement day (as shown in the figure below).

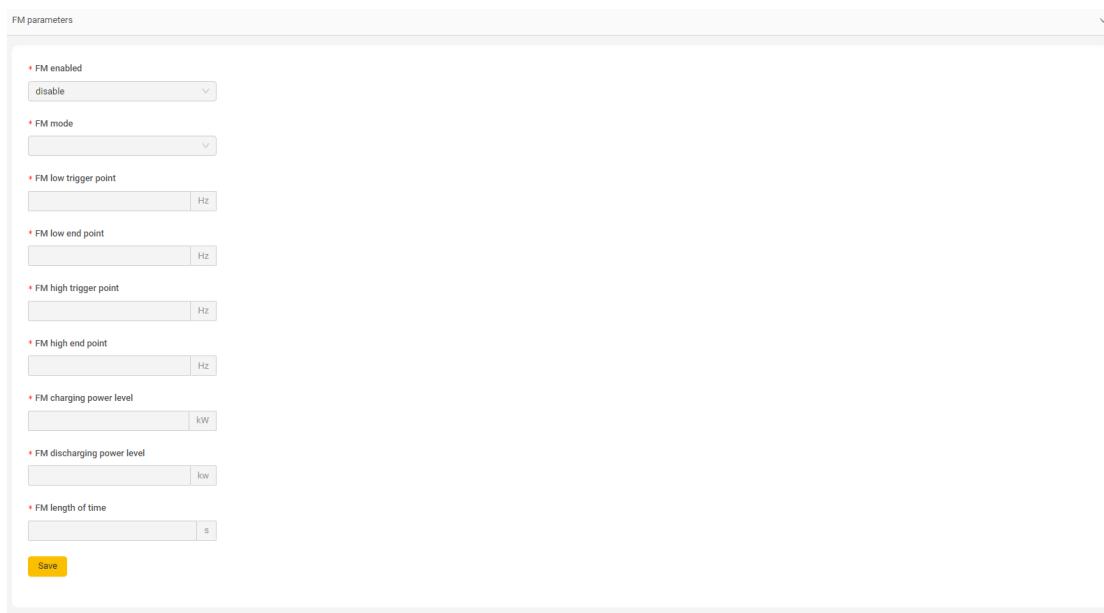


The screenshot shows a configuration interface for 'Demand management' parameters. It includes fields for 'Demand control enable' (set to 'disable'), 'Demand power limit' (set to 0.000 kW), 'Transformer capacity' (set to 0.000 kVA), 'Demand value method' (a dropdown menu), and a 'Save' button.

#### 4. Frequency Regulation Parameters:

**Application Scenario:** Weak power grid environment, secondary frequency regulation.

**Function Description:** There are slight differences in control execution in different modes (as shown in the figure below).



The screenshot shows a configuration interface for 'FM parameters'. It includes fields for 'FM enabled' (set to 'disable'), 'FM mode' (a dropdown menu), 'FM low trigger point' (set to 0.000 Hz), 'FM low end point' (set to 0.000 Hz), 'FM high trigger point' (set to 0.000 Hz), 'FM high end point' (set to 0.000 Hz), 'FM charging power level' (set to 0.000 kW), 'FM discharging power level' (set to 0.000 kW), 'FM length of time' (set to 0.000 s), and a 'Save' button.

#### 5. Peak Shaving and Valley Filling:

**Application Scenario:** Supports 4 peak shaving time periods and 4 valley filling time periods. The set time periods are accurate to the minute and can be manually set based on local power restriction time periods. Manually set peak and valley power values during peak shaving and valley

filling time periods.

During peak shaving time periods, when the EMS detects that the grid consumption power exceeds the set peak value, the energy storage system supplies power to the load to reduce the grid consumption power below the peak value.

During valley filling time periods, when the EMS detects that the grid consumption power is below the set valley value, the energy storage system charges the battery to increase the grid consumption power above the valley value.

During the time period when the system detects that the grid consumption power is below the peak value and above the valley value, the energy storage system is in standby. The discharge cut-off SOC can be set.

Control Enable:

Peak Shaving Upper Limit: When the high-voltage meter/low-voltage interface meter reaches the set power value, the energy storage system supplies power to the load to reduce the grid consumption power below the peak value.

Valley Filling Lower Limit: When the high-voltage meter/low-voltage interface meter reaches the set power value, the energy storage system charges the battery to increase the grid consumption power above the valley value.

Adjustment Difference: For the purpose of peak shaving, the peak value is reduced to the value after "Peak Shaving Upper Limit - Adjustment Difference", and for valley filling, it is increased to the value after "Valley Filling Lower Limit + Adjustment Difference".

Peak Shaving Discharge Cut-Off SOC: The battery capacity reserved for supplying power to the load during peak shaving (as shown in the figure below).

Shaving peaks and filling valleys

Peak shaving and valley filling enable

peak clipping limit  kW

valley fill lower limit  kW

adjust the differential  kW

peak clipping cut off SOC  %

**Peak shaving**

- peak shaving time1  Select time
- peak shaving time2  Select time
- peak shaving time3  Select time
- peak shaving time4  Select time

**Valley Filling**

- valley Filling time1  Select time
- valley Filling time2  Select time
- valley Filling time3  Select time
- valley Filling time4  Select time

**Save**

## 6. Limited Power Support:

**Application Scenario:** Limited power support for 4 time periods. You can manually set a power value, and the EMS will limit the grid consumption and feed-in power values of the grid around the set power value.

The discharge cut-off SOC can be set.

Control Enable:

**Limited Power Support Discharge Cut-Off SOC:** The battery capacity reserved for supplying power to the load during limited power support.

**Meter Power Adjustment Offset:** Set a reasonable value. If the EMS triggers a value greater than this value, the sub-energy storage system supplies power to the load; if it is less than this value, the energy storage system charges to increase the power to the set value (as shown in the figure below).

Pmeteroffset

pmeteroffset enable

pmeteroffset cut-off SOC  %

meter Power Regulation Offset  kw

pmeteroffset time1

pmeteroffset time2

pmeteroffset time3

pmeteroffset time4

## 8.4 Device List

Plant parameter configuration / Device management List

Theme mode  English

Plant: \*\*\*\* (苏州) 有限公司

main channel: All

sub channel: All

Search  Request device list

Serial number	main channel	sub channel	Device type	Device sub-type	System ID	Update Time	Operation
1	AE6010522070008	AE6010522070008	System	EMS	16777216	2023-08-29 22:48:42	<input type="button" value="Detail"/>
2	AE6010522070008	AE6010522070008	Battery	Battery stack	33554432	2023-08-29 22:48:42	<input type="button" value="Detail"/>
3	AE6010522070008	AE6010522070008	Battery	Battery cluster	33619968	2023-08-29 22:48:42	<input type="button" value="Detail"/>
4	AE6010522070008	AE6010522070008	Battery	Battery cluster	33619969	2023-08-29 22:48:42	<input type="button" value="Detail"/>
5	AE6010522070008	AE6010522070008	Battery	Battery cluster	33619970	2023-08-29 22:48:42	<input type="button" value="Detail"/>
6	AE6010522070008	AE6010522070008	Battery	Battery cluster	33619971	2023-08-29 22:48:42	<input type="button" value="Detail"/>
7	AE6010522070008	AE6010522070008	Battery	Battery cluster	33619972	2023-08-29 22:48:42	<input type="button" value="Detail"/>
8	AE6010522070008	AE6010522070008	Battery	Battery cluster	33619973	2023-08-29 22:48:42	<input type="button" value="Detail"/>
9	AE6010522070008	AE6010522070008	Battery	Battery cluster	33619974	2023-08-29 22:48:42	<input type="button" value="Detail"/>
10	AE6010522070008	AE6010522070008	Battery	Battery cluster	33619975	2023-08-29 22:48:42	<input type="button" value="Detail"/>

1. By selecting the filter conditions "Main Channel" and "Subchannel" and clicking "Request Device List", a command will be sent to the corresponding device, prompting the device to upload device information to the cloud for updating.
2. Click the "Details" button in the list will pop up and display the specific details of the device (as shown in the figure below).

Gerätedetails	
Gerät SN	AE6010522070008
SCADA SN	AE6010522070008
Geräte ID	16777216
Gerätekategorie	system
Geräte -Unterkategorie	ems
Modell	EMS3.0
BMU -Hardwareversion	
BMU Firmware -Version	
ISO -Hardware -Version	
ISO -Firmware -Version	
LMU -Hardwareversion	
LMU Firmware -Version	
Hardware Version	V1.05
Softwareversion	V1.04.02
CT Ratio	0

## 8.5 Advanced System Parameters

1. In the main channel and subchannel, select the system SN that you want to configure. In the DI/DO Settings dropdown menu, you can choose between DI settings and DO settings (as shown in the figure below). All configuration items must be unique and not duplicated.

Plant parameter configuration / System Advanced Parameters

Theme mode:  English 

Plant	main channel	sub channel	
H0000000000000000	AF10010230300002	AE000000001234	
DI/DO Settings			
DI			
DI1: <input type="checkbox"/> Do not Enable	NA	DI2: <input type="checkbox"/> Do not Enable	NA
DI3: <input type="checkbox"/> Do not Enable	NA	DI4: <input type="checkbox"/> Do not Enable	NA
DI5: <input type="checkbox"/> Do not Enable	NA	DI6: <input type="checkbox"/> Do not Enable	NA
DI7: <input type="checkbox"/> Do not Enable	NA	DI8: <input type="checkbox"/> Do not Enable	NA
DI9: <input type="checkbox"/> Do not Enable	NA	DI10: <input type="checkbox"/> Do not Enable	NA
DI11: <input type="checkbox"/> Do not Enable	NA	DI12: <input type="checkbox"/> Do not Enable	NA
DI13: <input type="checkbox"/> Do not Enable	NA	DI14: <input type="checkbox"/> Do not Enable	NA
DI15: <input type="checkbox"/> Do not Enable	NA	DI16: <input type="checkbox"/> Do not Enable	NA
DI17: <input type="checkbox"/> Do not Enable	NA	DI18: <input type="checkbox"/> Do not Enable	NA
DI19: <input type="checkbox"/> Do not Enable	NA	DI20: <input type="checkbox"/> Do not Enable	NA
DI21: <input type="checkbox"/> Do not Enable	NA	DI22: <input type="checkbox"/> Do not Enable	NA
DI23: <input type="checkbox"/> Do not Enable	NA	DI24: <input type="checkbox"/> Do not Enable	NA
DI25: <input type="checkbox"/> Do not Enable	NA	DI26: <input type="checkbox"/> Do not Enable	NA
DI27: <input type="checkbox"/> Do not Enable	NA	DI28: <input type="checkbox"/> Do not Enable	NA
DI29: <input type="checkbox"/> Do not Enable	NA	DI30: <input type="checkbox"/> Do not Enable	NA
DI31: <input type="checkbox"/> Do not Enable	NA	DI32: <input type="checkbox"/> Do not Enable	NA

Plant parameter configuration / System Advanced Parameters

Plant: H30001; main channel: AF10010230300002; sub channel: AE00000001234

Theme mode: English

DI/DO Settings

DO: 16 channels, all set to 'Do not Enable' and 'NA'.

Buttons: Save

## 9. Log List

### 9.1 Event List

Running log / Event

Plant: (Redacted) 有限公司; main channel: All; sub channel: event.selectDevice

Event code: Event category: Start date: 2022-09-05; End date: 2023-09-02

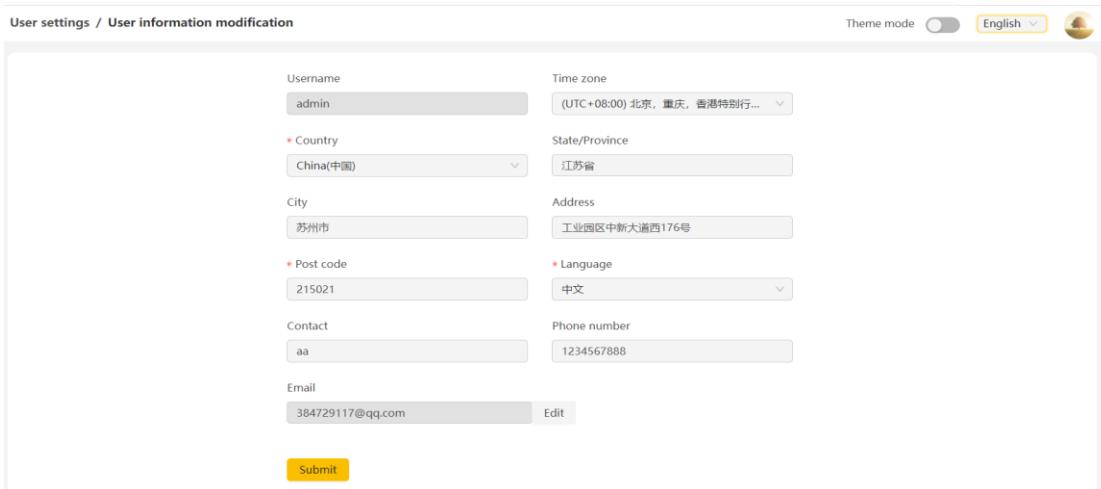
Buttons: Search

serial Number	main channel	sub channel	Device Type	Device subclss	Device ID	Event category	event level	Status	Event code	Event d...	Time of occurrence
1	AE6010522070006		system			info		online	1001	Online	2023-08-31 18:10:23
2	AE6010522070006		system			info		offline	1002	Offline	2023-08-31 18:10:23
3	AE6010522070004	AE6010522070004	pcs	dcac	100663296	fault		recover	100067	AC-Gro...	2023-08-31 18:08:04
4	AE6010522070004	AE6010522070004	pcs	dcac	100663296	fault		recover	100088	AC-Gro...	2023-08-31 18:08:04
5	AE6010522070006		system			info		online	1001	Online	2023-08-31 18:05:49
6	AE6010522070006		system			info		offline	1002	Offline	2023-08-31 18:05:49

Use the filtering options in the list to select and view the event information you need.

## 10. User Settings

### 10.1 User Information Modification



User settings / User information modification

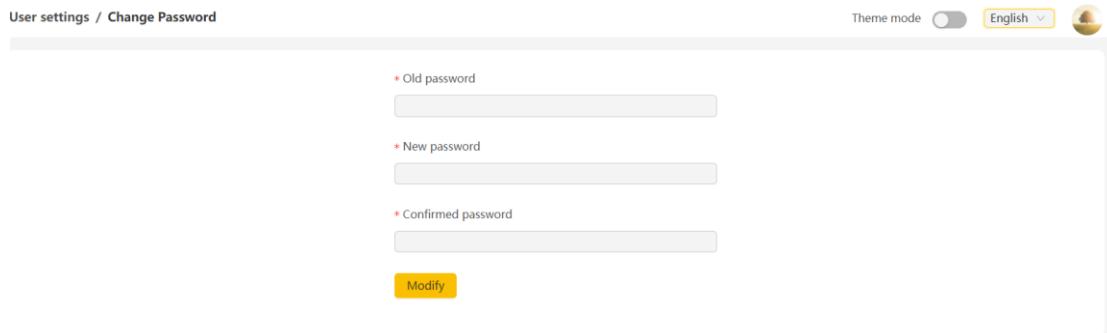
Theme mode:  English:

Username	admin	Time zone	(UTC+08:00) 北京, 重庆, 香港特别行...
* Country	China(中国)	State/Province	江苏省
City	苏州市	Address	工业园区中新大道西176号
* Post code	215021	* Language	中文
Contact	aa	Phone number	1234567888
Email	304729117@qq.com	Edit	

Submit

Apart from the username, all other information can be modified.

### 10.2 Change Password



User settings / Change Password

Theme mode:  English:

* Old password	<input type="text"/>
* New password	<input type="text"/>
* Confirmed password	<input type="text"/>

Modify

Enter the old password and the new password to change the password.

### 10.3 Account Logout

1. Account Logout: User's personal data will be cleared from the system.
2. Procedure: After checking the "I have read and agree" box, click "Next". Then click "Get Verification Code". The user will receive a verification code in their personal email. Enter the verification code and click the "Confirm" button to complete the account logout process.



The following information will be removed and can not retrieve after account cancellation

I have read and agreed it

[Next Step](#)

Please enter verification code	<a href="#">Get verification code</a>
<a href="#">Back</a>	<a href="#">Determine</a>

## 11. 11. Data Center

### 11.1 Product Information

Information center / Product information

Theme mode  English

Q&A	Troubleshooting	User Manual
News Center	Installation Video	

Click on different icons to view the corresponding product information.

## 12. Contact Information

Click on the "Contact Information", and the page will automatically redirect to a new page about "Company Contact Information".

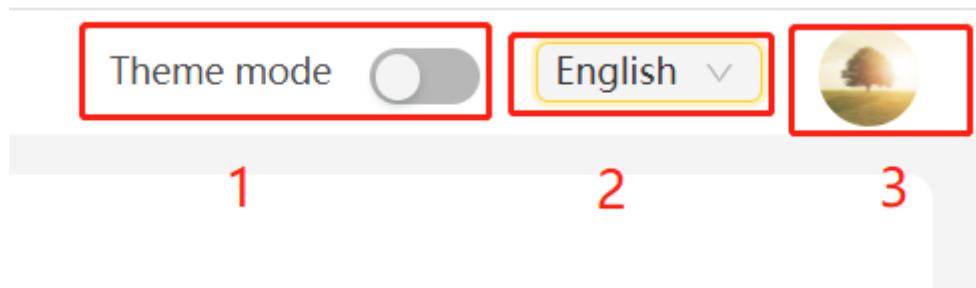
### 13. Privacy Policy

Click on "Privacy Policy" to navigate to a new page. Review the privacy policy of AlphaESS about "Personal Privacy".

### 14. Customer Feedback

Click on the "Customer Feedback" menu to navigate to the customer feedback page in the user system.

### 15. Select Language, Logout, Change Theme



Click on the selection in the red box 1 to choose between black and white themes.

In the dropdown list inside the red box 2, you can choose between Chinese and English.

Click on the button inside the red box 3 to enable the user logout function.

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