

SEMS+ WEB

User Manual

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NOTICE

The information in this user manual is subject to change due to product updates or other reasons. This guide cannot replace the product labels otherwise specified. All descriptions in the manual are for guidance only.

Table of Contents

1 About This Manual	5
1.1 Overview	5
1.2 Target Audience	5
1.3 Symbol Definition	5
2 Product Introduction	6
2.1 Complementary Products	6
2.2 Account Registering	6
2.3 Login Web	7
3 Dashboard	9
4 Power Plant Monitoring	12
4.1 Power Plant Creation	12
4.2 Power Plant List Overview	14
4.3 Power Plant Details	15
4.3.1 Power Plant Dashboard	15
4.3.2 Power Plant Devices	18
4.3.3 Add New Power Plant Device	19
4.3.4 Power Plant Alarm Information	20
4.3.5 Device Upgrading	21
4.3.6 Basic Information	21
4.3.7 Set Power Price Information	23
4.3.8 State of Health	24

5 Device Monitoring Information	26
5.1 Device List	26
5.2 Device Details	27
5.3 Device Parameter Setting	29
6 Alarm Management	31
7 Intelligent Analysis	32
7.1 IV Diagnostic	32
7.1.1 Manage Inverter Wiring Information	32
7.1.2 Manage Module Information	33
7.1.3 IV Diagnosis Tasks	35
7.1.4 IV Scan Tasks	36
7.2 Data Comparison	37
7.3 Battery Consistency Analysis	38
8 Report Management	40
8.1 Viewing Power Plant Report	40
8.2 View Device Reports	40
8.3 Set Report Subscription Information	41
8.4 Query My Reports	42
9 Personal Center Management	44
9.1 Modify User Information	44
9.2 Set Preference Formats	45
9.3 Set Subscription Information	46

9.4 Modify Account Information.....	47
10 Organization Management.....	49
10.1 Manage Organization Information.....	49
10.2 Set Display Information.....	50
10.3 Set Subscription Information.....	50
10.4 Manage Logs.....	51
11 FAQs.....	53
11.1 How to View Warranty Information.....	53
11.2 How to Check the User Manual.....	53
12 Contact Details.....	55

1 About This Manual




1.1 Overview

This document mainly introduces the common operations of SEMS+ Web.

1.2 Target Audience

Only for use by professionals who are familiar with local regulations and standards, electrical systems, and who have received professional training and are knowledgeable about this product.

1.3 Symbol Definition

 DANGER
A situation with high potential danger, which will result in death or serious injury if not avoided.
 WARNING
A situation with moderate potential danger, which may result in death or serious injury if not avoided.
 CAUTION
A situation with low potential danger, which may result in moderate or minor injury to personnel if not avoided.
NOTICE
Highlights key information and supplements the texts. Or some skills and methods to solve product-related problems to save time.

2 Product Introduction

2.1 Complementary Products

Support monitoring and management of related equipment from the GoodWe brand, such as inverters, smart meters, data loggers, charging piles, batteries, etc.

2.2 Account Registering

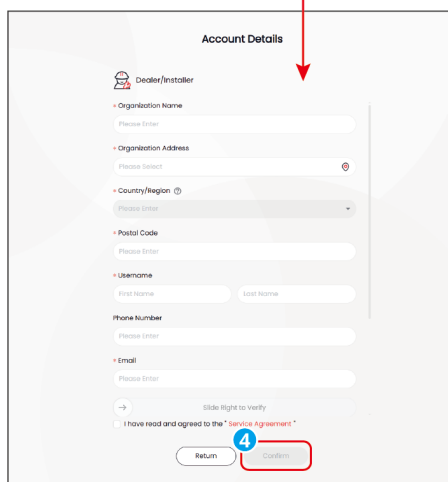
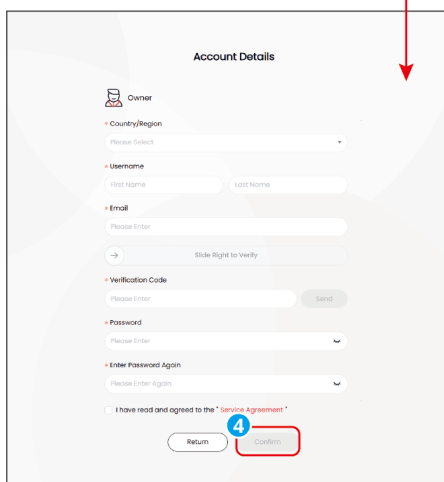
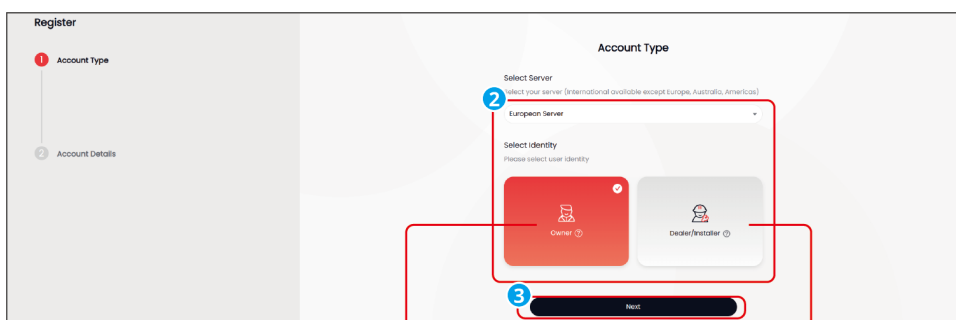
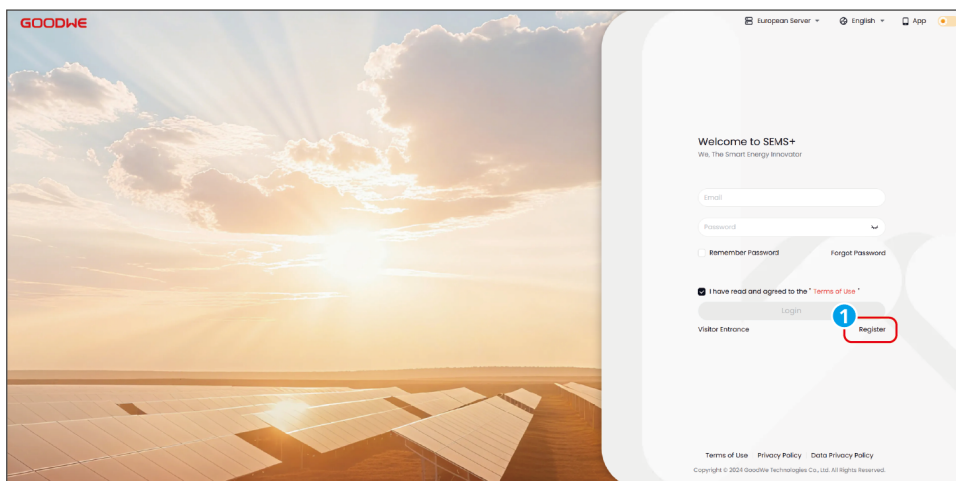
NOTICE

Registration for distributor/installer accounts is only supported for administrator accounts. To register technician or marketer accounts, administrators must create them through the background Organization Management module.

Step 1: Click "Register" on the SEMS+ Web login page.

Step 2: Select the server type and the account type to be registered.

Step 3: Enter the account details. Click "Confirm" to complete the registration.



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2.3 Login Web

NOTICE

It is recommended that you update your password regularly and keep the new password in mind to ensure account security.

Prerequisites:

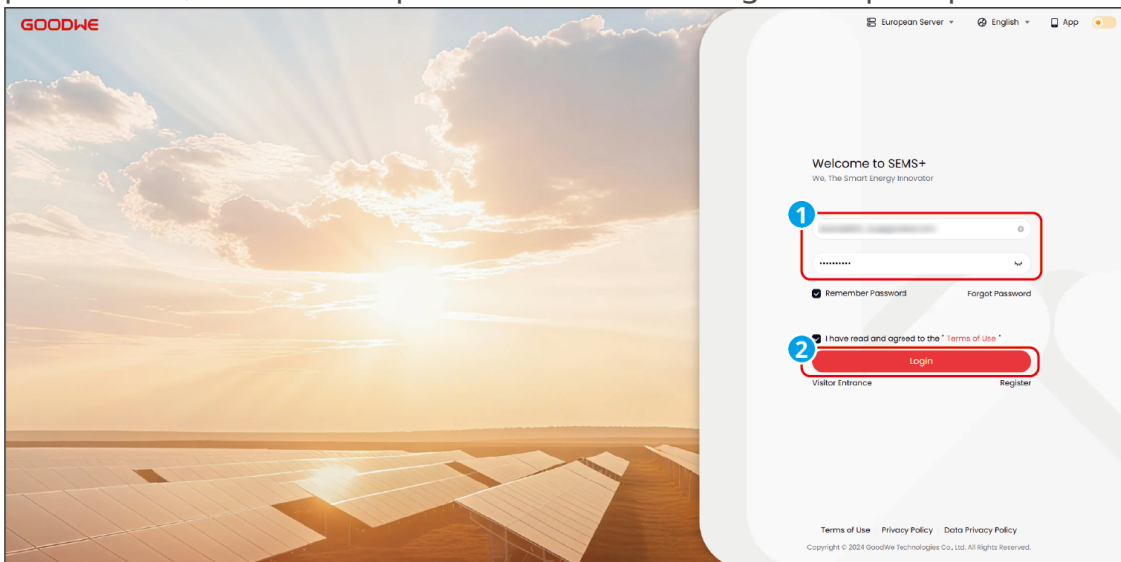
- Valid account (email address and password) obtained.
- Supported operating systems: Windows 7 or later
- Recommended browsers: Chrome 52 87 Firefox 58 or later.
- Recommended Resolution: 1920*1080 pixels.

Login Steps:

Step1: Enter <https://semsplus.goodwe.com/#/login> in the browser's address bar and press Enter to access the login page.

Step2: Input your email address and password, then click "Login".

Step 3: If it is your first login, please change your login password, configure personal preferences, and create a power station according to the prompts on the interface.+

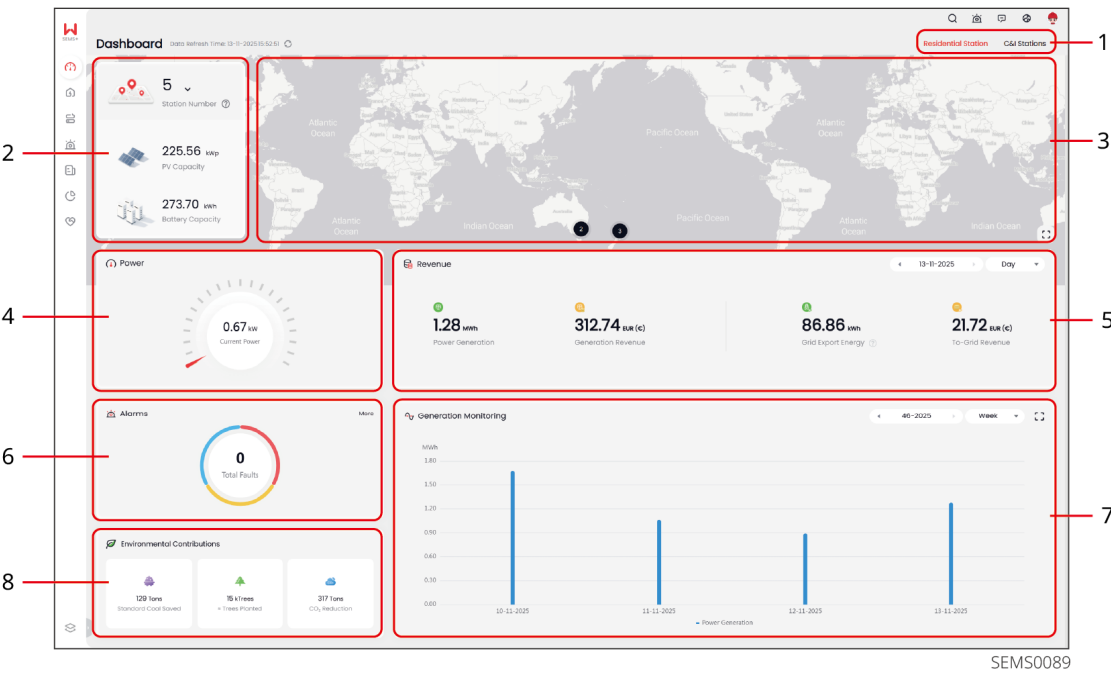


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3 Dashboard

NOTICE

- The interface for adding devices varies with different device types, please refer to the actual interface.
- When there is only 1 power station, the Dashboard interface will not be displayed, and you will directly enter the Power Station Details page after logging in.
- If there are no power stations, you will enter the Power Station List page after logging in.



No.	Function Description
1	Power Station Type Switch Button Click to select the power station type. The displayed information on the homepage varies by power station type. This button will not be displayed if there is only one power station type under the account.

No.	Function Description
2	<p>Displays parameters such as the number, operating status, and capacity of power stations of the current type.</p> <ul style="list-style-type: none"> • Number of Power Stations: Shows the total number, newly added number, and operating status of power stations under the current type. • PV Capacity: Displays the total installed PV capacity under the current power station type. • Displays the total battery capacity under the current power station type.
3	<ul style="list-style-type: none"> • Power Station Distribution Map Displays the distribution and operating status of all power stations based on geographic coordinates. • Click the power station name to enter the corresponding Power Station Details page.
4	Power Displays the current active power.

No.	Function Description
5	<p>Revenue</p> <ul style="list-style-type: none"> • Generation Revenue: Displays the total power generation revenue under the current power station type. <ul style="list-style-type: none"> ◦ Calculated based on the power station-level electricity price. Generation Revenue = Grid Export Energy × Grid Electricity Price. ◦ If the power station uses a planned electricity price, it is calculated according to the organization-level fixed electricity price. If the power station uses a fixed electricity price, it is calculated according to the power station-level electricity price. • Power Generation: Displays the total power generation under the current power station type. • To-Grid Revenue: Displays the total to-grid revenue under the current power station type. <ul style="list-style-type: none"> ◦ To-Grid Revenue is calculated based on the grid electricity price at the power station level. To-Grid Revenue = Grid Export Energy × Grid Electricity Price. ◦ For power stations with a planned electricity price, the calculation shall be based on the policy of fixed electricity prices and adopt the fixed grid electricity price at the power station level. • Grid Export Energy: Displays the total grid export energy under the current power station type.
6	<p>Alarm Displays the proportion of active alarms at each level across all devices under the current power station type. Click "More" to navigate to the Alarm List page for detailed alarm information.</p>
7	<p>Power Generation Monitoring Displays the power generation status of all power stations, supporting statistics by daily, monthly, annual, and full-lifecycle dimensions.</p>
8	<p>Environmental Contributions Shows the environmental benefits generated by photovoltaic power generation, including: CO₂ emission reduction, standard coal saving, and equivalent tree planting.</p>

4 Power Plant Monitoring

The "Power Station Monitoring" interface supports viewing the power station overview and detailed information, creating power stations, sharing power stations, favoriting power stations, deleting power stations, modifying basic power station information, viewing power station alarm information, and managing power station equipment.

4.1 Power Plant Creation

Power station creation is supported based on actual needs.

Step 1: Navigate to "Power Station Monitoring" > "Add New Power Station" to enter the power station creation page.

Step 2: Set the power station address and click "Next". Manual input or location positioning via the map on the right is supported.

Step 3: Configure the basic information of the power station according to actual conditions and click "Next".

Step 4: : Set the owner's email address. If required, you can also configure visitor email addresses and visitor permissions.

Step 5: Click "Complete" to finish creating the power station.

GOODWE

Smart Energy Management System

Station List

Filter

Station/Device, Email, SN

Station Address

Email

Q

C

All (7)

Monthly New (0)

Running (5)

Waiting (0)

Offline (2)

Fault (0)

Station Information	Station Status	Today's Generation (kWh)	PV Power (kW)	Safe Operation Days (Day)	Note	Operation
<div>Residential Storage Demo Station...</div> <div>3W1Q+CM Anand, Bay of Plenty Regio...</div> <div>29.90kW</div>	Running	99.20	0.00	683	--	☆ ...
<div>Residential Storage Demo Station...</div> <div>27 Station Ave, C2006 P81 NSW 2154, A...</div> <div>10.00kW</div>	Running	66.30	0.13	663	--	☆ ...
<div>C&I Demo Station (417)</div>						

Station List

1

2

3

3

* Station Address

Please Enter

Longitude 103.819836 Latitude 1.352083

Please search and fill in the accurate station address. An incorrect address may affect energy scheduling, statistics, and revenue calculations.

Detailed Address

Please Enter

Country/Region

SG

Time Zone

Asia/Singapore (UTC+08:00)

☒
 Authorize the use of third-party services to update time zone information

4

Next

Station List

1

2

3

5

* Station Type

☒ Residential PV Station
 ☐ Residential Storage Station

☐ C&I PV Station
 ☐ C&I Storage Station

* Station Name

Please Enter

* Rated Power

Please Enter

Auto Get

kW

* PV Capacity

Please Enter

kWp

PV installation Angle

Please Enter

Commercial Operation Date

Please Select

Note

Please Enter

Station Image

Manually upload or drag the station picture into the selection box

Support jpg, jpeg or png format images
 Image size not exceeding 8MB
 Recommended size (px): 450 * 330

6

Previous

Next

Station List

1

2

3

7

Organization Code

610162874

Owner's Email

Please Enter

Visitor information

+ User

+ Organization

8

Previous

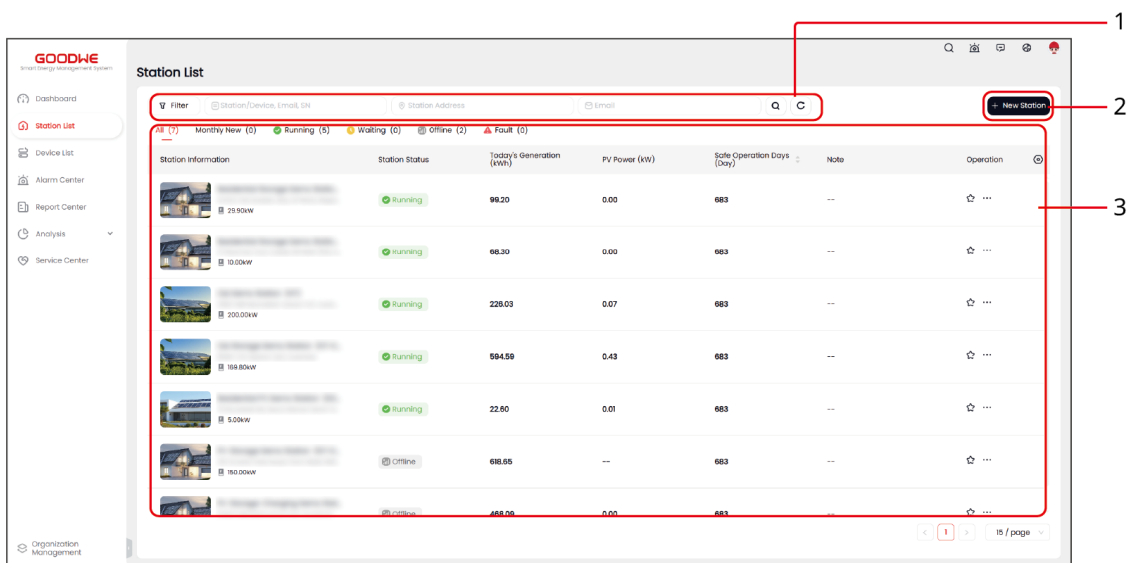
Complete

SEMS0091







Parameters	Function Description
Type	Configure according to the actual power station type Supported types: Residential PV Power Station, Residential Energy Storage Power Station, Industrial & Commercial Energy Storage Power Station, Industrial & Commercial PV Power Station
Power Station Name	Set the power station name according to actual needs
Nominal Power	Set the total installed power of the power station
PV Capacity	Set the total installed PV capacity of the power station
Battery Capacity	Set the total battery capacity of the power plant.
Installation Angle Requirements	Set the installation angle of the PV panels.
Commercial Operation Date	Set the grid-connection date of the power station

4.2 Power Plant List Overview

Select "Power Station Monitoring" from the main menu to access the Power Station List page. Here, you can query the overview information of all power stations under your account and perform operations such as favoriting, sharing, and deleting power stations.



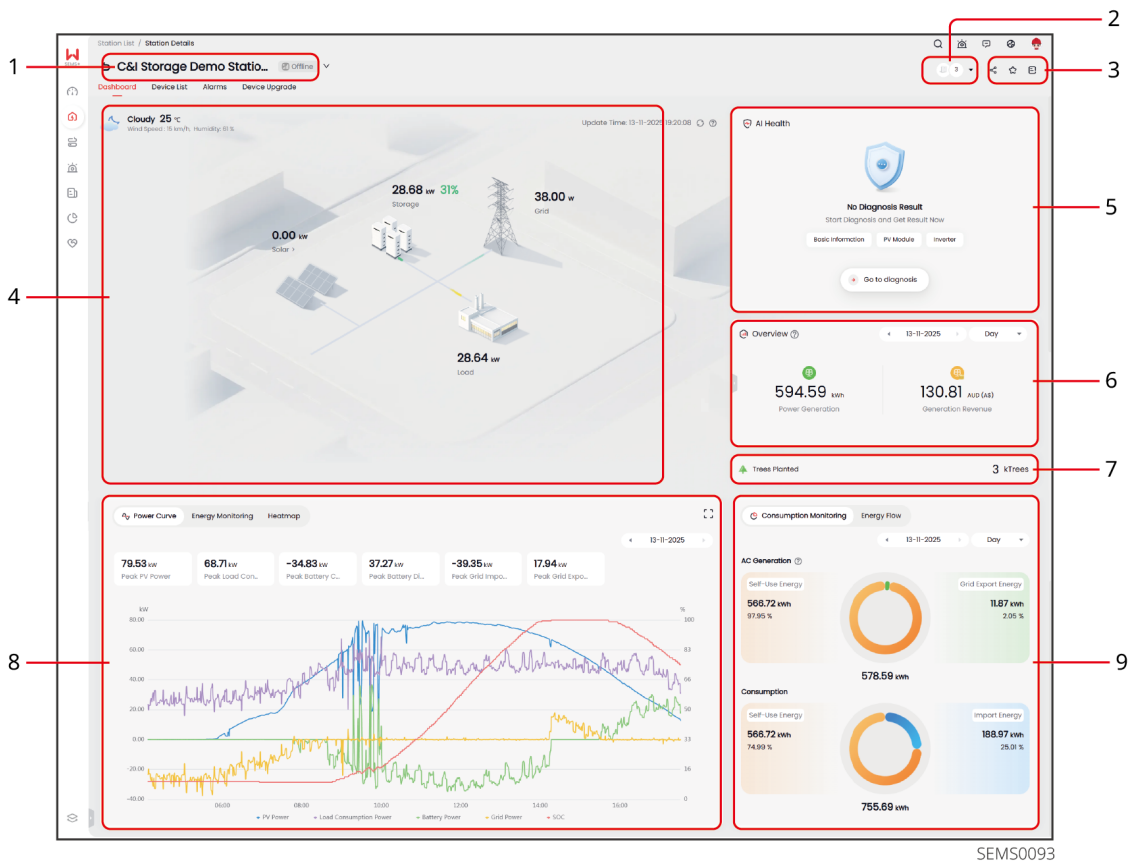
SEMS0092







No.	Function
1	Quickly locate the target power station by filtering or entering power station information.
2	Click to create a new power station.
3	<p>Display overview information of all power stations under the account.</p> <ul style="list-style-type: none"> Power plant operation status, power generation, power, etc. <p>The displayed information can be adjusted  via configuration.</p> <ul style="list-style-type: none"> Click  to share the power station with other organizations or individual users, and set sharing permissions and time limits. Click  to favorite the power station. Click  to cancel the favorite. Click  >  to delete the power station.

4.3 Power Plant Details

In the power station list on the "Power Station Monitoring" interface, click the name of any power station to enter the Power Station Details page. On this page, you can view the power station's basic information, power generation, revenue, energy flow diagram, environmental contributions, and other related data.

4.3.1 Power Station Dashboard







No.	Functional Description
1	<ul style="list-style-type: none"> Displays the current power station name and operating status. Click  to quickly switch between power stations.
2	<ul style="list-style-type: none"> The total number and types of devices in the current power station. Click  to view the quantity and operating status of each device type.
3	<p>Performs operations on the power station.</p> <ul style="list-style-type: none"> Click  to share the power station with other organizations or individual users, and set sharing permissions and time limits. Click  to favorite the power station. Click  to cancel the favorite. Click  to view or modify the basic information and electricity price details of the power station.

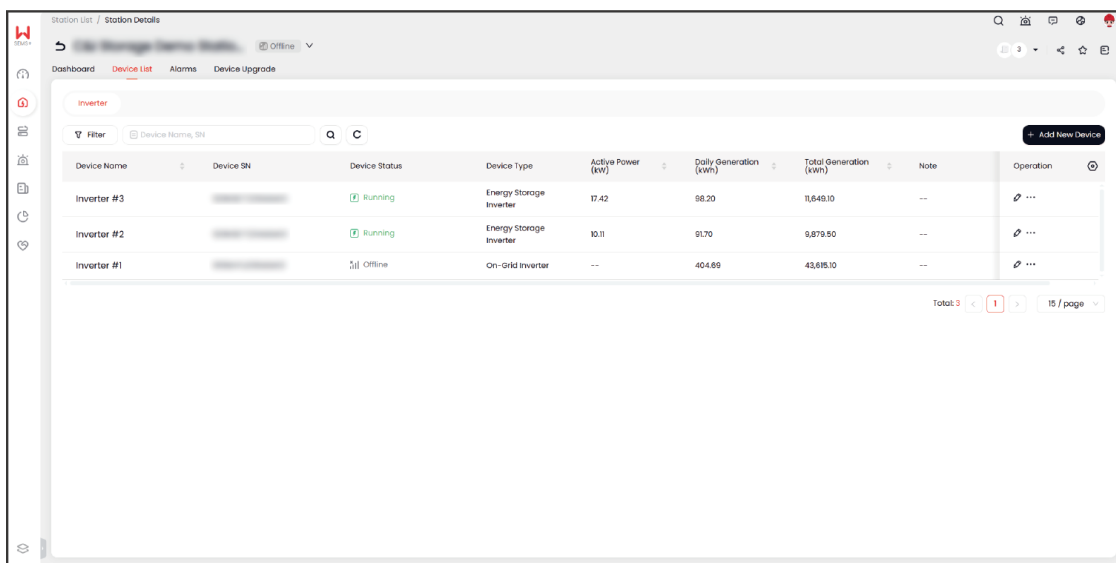
No.	Functional Description
4	<ul style="list-style-type: none"> • The energy flow diagram displays the current energy flow direction of the power station. • Shows the weather conditions at the power station's location.
5	<ul style="list-style-type: none"> • AI Health Based on AI algorithms and big data analysis capabilities, it conducts multi-dimensional health status diagnosis of the power station. • AI Health Score diagnosis is only applicable to industrial and commercial scenarios. • Click "Go to Diagnosis" to enter the diagnosis details page and view the specific diagnosis report. For detailed operations, refer to 4.3.8.Station Health Diagnosis(Page 24).

No.	Functional Description
6	<p>Revenue Revenue statistics require configuring electricity prices when creating a new power station; otherwise, the system cannot calculate revenue data.</p> <ul style="list-style-type: none"> • Generation Revenue: Displays the total power generation revenue under the current power station type. <ul style="list-style-type: none"> ◦ Calculated based on the power station-level electricity price. Generation Revenue = Grid Export Energy × Grid Electricity Price. ◦ If the power station uses a planned electricity price, it is calculated according to the organization-level fixed electricity price. If the power station uses a fixed electricity price, it is calculated according to the power station-level electricity price. • Power Generation: Displays the total power generation under the current power station type. • To-Grid Revenue: Displays the total to-grid revenue under the current power station type. <ul style="list-style-type: none"> ◦ To-Grid Revenue is calculated based on the grid electricity price at the power station level. To-Grid Revenue = Grid Export Energy × Grid Electricity Price. ◦ For power stations with a planned electricity price, the calculation shall be based on the policy of fixed electricity prices and adopt the fixed grid electricity price at the power station level. • Grid Export Energy: Displays the total grid export energy under the current power station type.
7	<p>Environmental Contributions Shows the environmental benefits generated by photovoltaic power generation, including: CO₂ emission reduction, standard coal saving, and equivalent tree planting.</p>
8	<p>Power Curve / Energy Monitoring / Thermal Map. Visual charts display the power station's operation status and dynamic energy changes.</p>
9	<p>Power Consumption Monitoring / Energy Flow Direction Displays the energy flow directions of PV, the grid, and loads.</p>







4.3.2 Power Plant Devices

On the power station details page, click "Device List" to view all device information in the power station, including device name, serial number, type, model, status, and other relevant details.

- Click the device name to access the Device Details page. For setup instructions, please refer to the [5.3."Device Parameters Setting"\(Page 29\)](#) section.
- Click "Additional Devices" to access the Device Addition Interface. For specific addition methods, refer to the [4.3.3."Add New Power Plant Device"\(Page 19\)](#) chapter.
- Click  to adjust the information displayed on the list page.
- Click  to modify the device name or add device notes.
- Click  >  to delete the device.



The screenshot shows the 'Station Details' page with the 'Device List' tab selected. It displays a table of inverters with columns for Device Name, Device SN, Device Status, Device Type, Active Power (kW), Daily Generation (kWh), Total Generation (kWh), Note, and Operation. There are three inverters listed: Inverter #3 (Running, Energy Storage Inverter), Inverter #2 (Running, Energy Storage Inverter), and Inverter #1 (Offline, On-Grid Inverter). A search bar and a filter dropdown are at the top of the table. A 'Add New Device' button is in the top right corner. The bottom right shows 'Total: 3' and '15 / page'.

Device Name	Device SN	Device Status	Device Type	Active Power (kW)	Daily Generation (kWh)	Total Generation (kWh)	Note	Operation
Inverter #3		Running	Energy Storage Inverter	17.42	98.20	11,649.10	--	 
Inverter #2		Running	Energy Storage Inverter	10.11	91.70	9,879.50	--	 
Inverter #1		Offline	On-Grid Inverter	--	404.69	43,615.10	--	 

SEMS0094

4.3.3 Additional Power Plant Devices

To add devices to an existing power station, you can do so via adding new device.

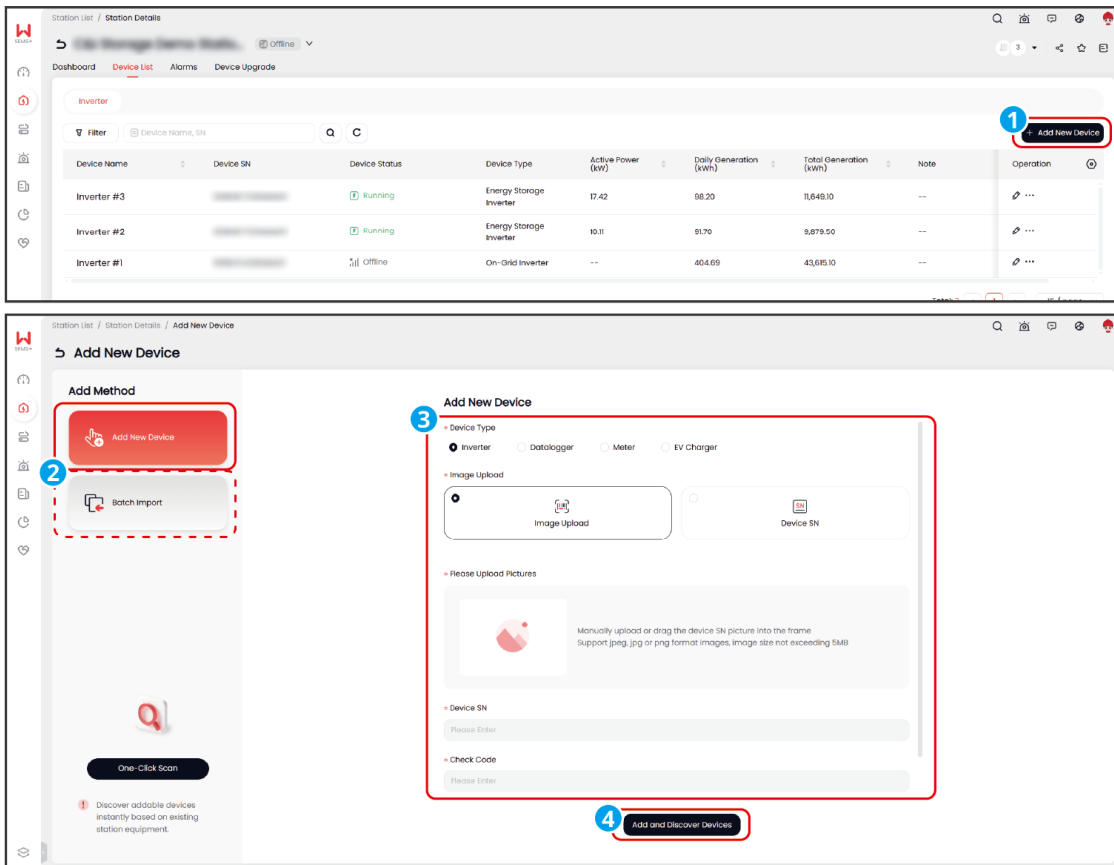
Step 1: On the Power Station Details interface, click "Device List" > "Add New Devices".

Step 3: Add devices according to actual needs. Add devices automatically: Click "One-Click Scan" to search for addable devices in the power station. Add devices manually: Select "Add New Devices" or "Bulk Import", and complete device search as prompted on the interface.

- Add New Devices: Select the device type, upload the device SN or enter the device SN manually, then click "Add and Discover Device".
- Bulk Import: Click "Download Template", fill it out, and upload the file to the

"Upload File" box.



Step 3: After the device search is completed, verify the information of the found devices. Click "Add" if the information is correct.



SEMS0095

4.3.4 Power Plant Alarm

Step 1: On the power station details page, click "Alarms" to view all alarm information of the current power station.

- Supports filtering by alarm type, alarm power station, alarm device, alarm occurrence time, and alarm recovery time etc. according to actual needs.
- Supports configuring the interface view—select the information to be displayed on the interface and save the display configuration.
- Click  to adjust the information displayed on the list page.
- Click  to export alarm information.

Alarm Name	Device Name	Status	Alarm Level	Alarm Time	SN	Devices/Com.	Alarm Type	Operation
External Fan2 Abnormal		Recovered	Alarm	2025-11-02 17:28:30		Inverter	Operating Condition Inform	☆ ⚙️ ...
External Fan4 Abnormal		Recovered	Alarm	2025-11-02 17:28:30		Inverter	Operating Condition Inform	☆ ⚙️ ...
External Fan3 Abnormal		Recovered	Alarm	2025-11-02 17:28:30		Inverter	Operating Condition Inform	☆ ⚙️ ...
External Fan1 Abnormal		Recovered	Alarm	2025-11-02 17:28:30		Inverter	Operating Condition Inform	☆ ⚙️ ...
External Fan1 Abnormal		Recovered	Alarm	2025-11-01 17:29:26		Inverter	Operating Condition Inform	☆ ⚙️ ...
External Fan2 Abnormal		Recovered	Alarm	2025-11-01 17:29:26		Inverter	Operating Condition Inform	☆ ⚙️ ...
External Fan4 Abnormal		Recovered	Alarm	2025-11-01 17:29:26		Inverter	Operating Condition Inform	☆ ⚙️ ...
External Fan3 Abnormal		Recovered	Alarm	2025-11-01 17:29:26		Inverter	Operating Condition Inform	☆ ⚙️ ...
PV6 Continuous Software D.		Recovered	Alarm	2025-09-17 16:00:33		Inverter	Protection Events	☆ ⚙️ ...
PV10 Continuous Software ..		Recovered	Alarm	2025-09-17 16:00:33		Inverter	Protection Events	☆ ⚙️ ...
Grid Power Outage		Recovered	Fault	2025-08-29 13:50:35		Inverter	Protection Events	☆ ⚙️ ...
Grid Phase Loss		Recovered	Fault	2025-08-29 13:50:35		Inverter	Protection Events	☆ ⚙️ ...

SEMS0096


4.3.5 Device Upgrading

Supports upgrading a single device or batch-upgrading multiple devices in the current power station.

During the process, If the upgrade is interrupted, the system will resume the upgrade automatically once it detects that the device has returned to normal.

Step 1: Click "Device Upgrade" on the power plant details interface.

Step 2:(Optional) Filter by device type or search for devices.


Step 3: Click  to upgrade the firmware of a single device. For batch upgrades, click "Upgrade", select multiple devices, and then click "Batch Upgrade".

Firmware Type	Version No.	Update Type	Update Notes	Release Time	Operation
No devices available for upgrade					

SEMS0097

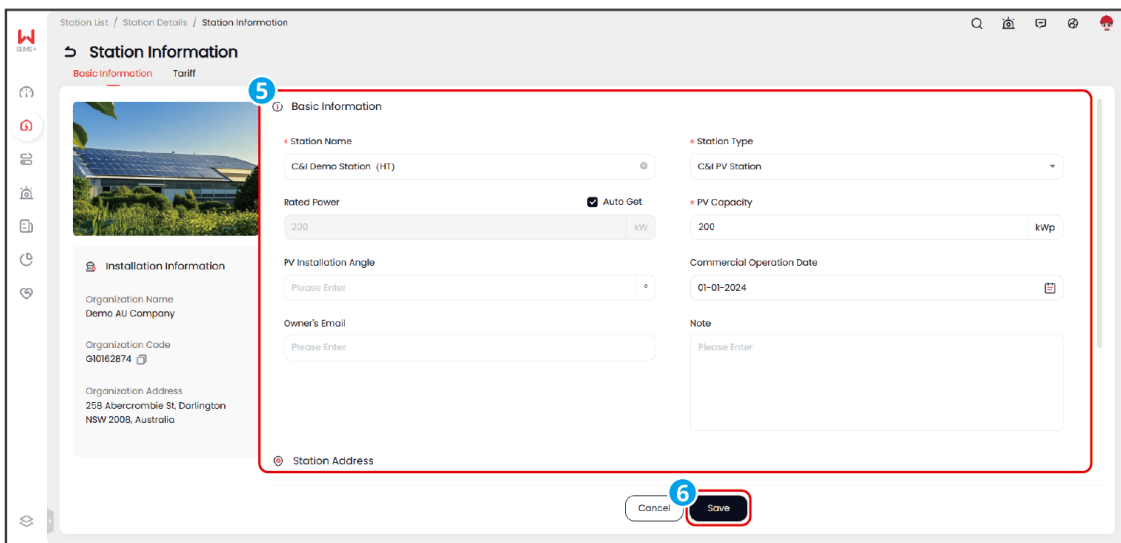
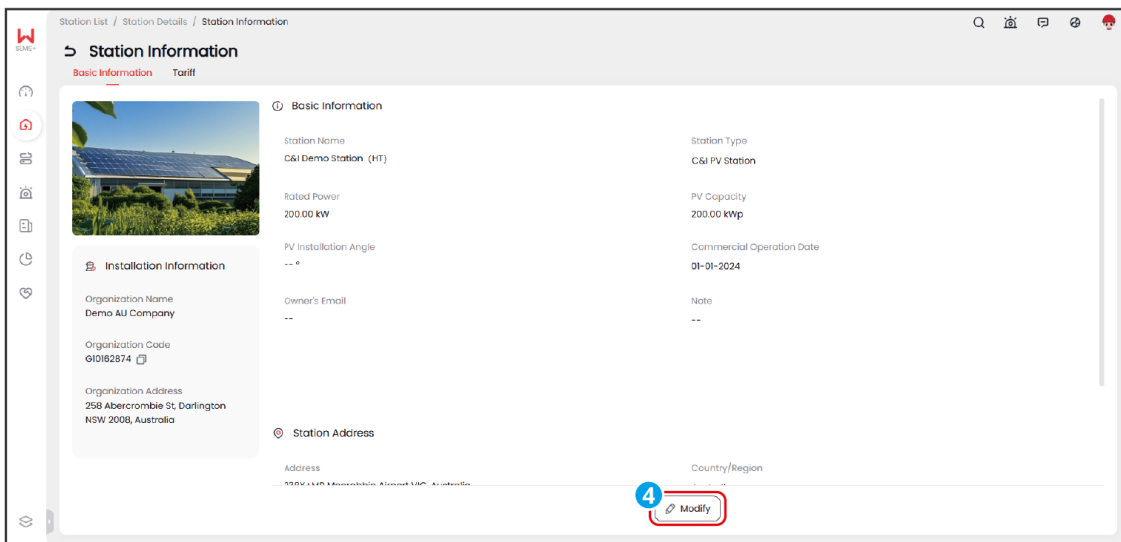
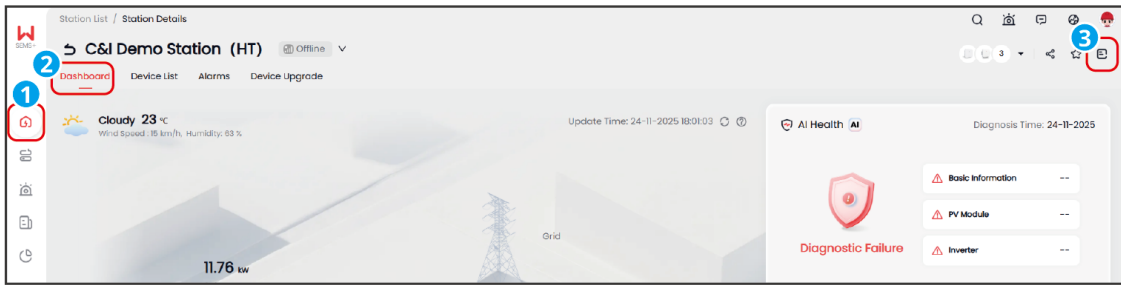
4.3.6 Modify Basic Power Station Information

The basic information set during power station creation can be modified. Including power station name, power station type, rated power, PV capacity, etc.

Step 1: On the power plant details page, click  , "Basic Information" to access the information viewing interface.

Step 2: Set communication parameters according to actual needs.

Step 3: Click "Save" to complete the changes.



SEMS0128

4.3.7 Set Power Price Information

Support viewing or setting the power station's electricity price information according to actual needs.

Step 1: On the power station details page, click  > "Electricity Price".

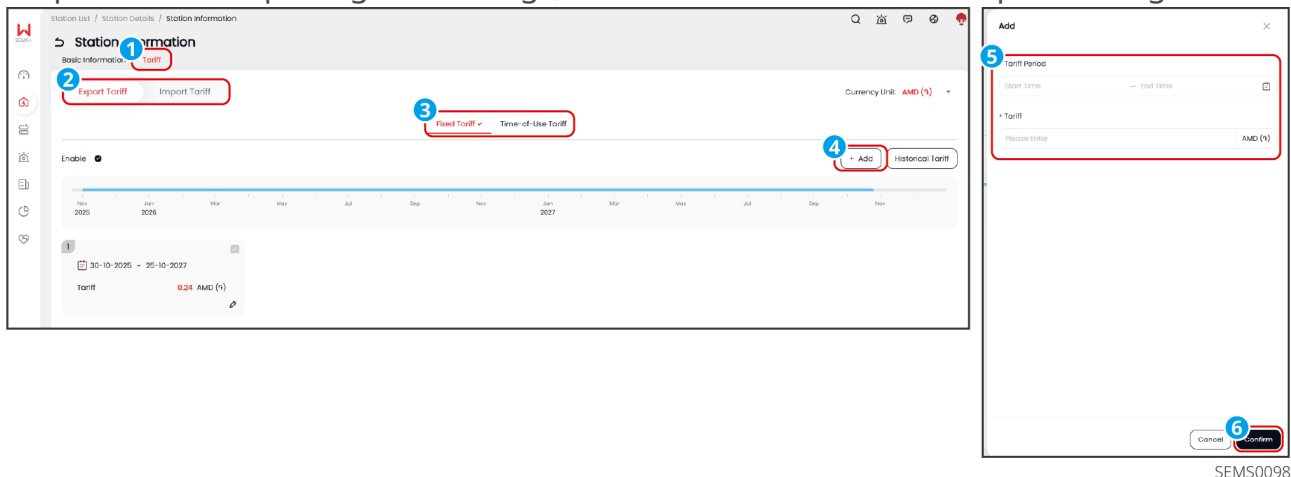
Step 2: Select "Feed-in Tariff" or "Purchase Tariff". Set the electricity price type. The

supported types include "Fixed Tariff", "Time-of-Use (TOU) Tariff" and "Dynamic Tariff".

- Fixed electricity price: Users set electricity purchase and sale prices according to the actual electricity price.
- TOU electricity price: Users set electricity price information for different time periods according to the actual electricity price. Multiple sets of electricity prices can be set. Only applicable to commercial and industrial energy storage devices.
- Dynamic electricity price: Obtain dynamic electricity prices from the power company, and dynamically adjust the actual electricity purchase and sale prices by combining with the electricity price surcharge set by the user. Only applicable to certain regions and specific devices.

Step 3: Fill in the electricity price information according to actual conditions.

Step 4: After completing the settings, click "Confirm" to finish the quick configuration.



4.3.8 Station Health Diagnosis

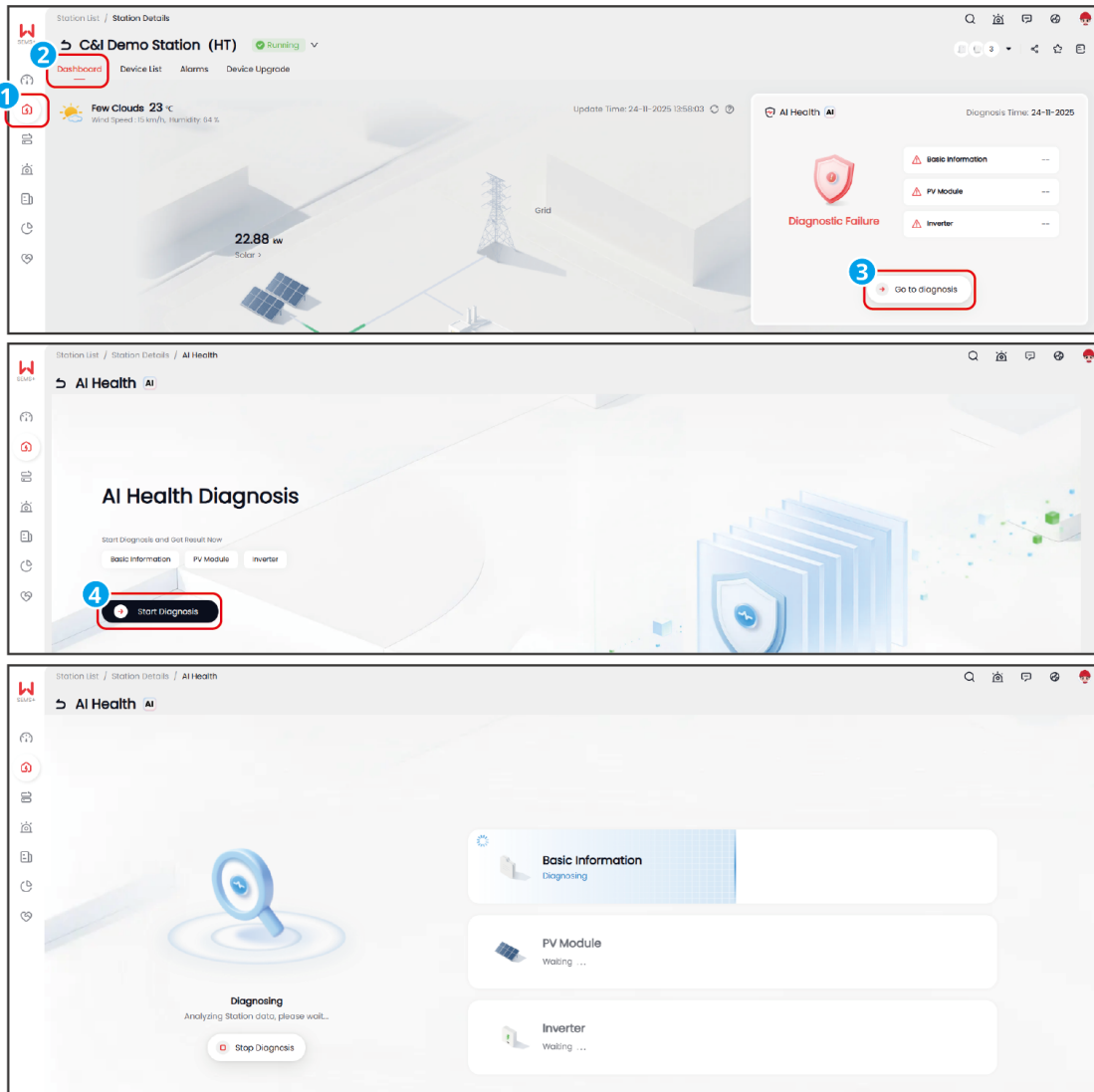
AI Health diagnosis is only applicable to industrial and commercial scenarios. Based on AI algorithms and big data analysis capabilities, it conducts multi-dimensional health status diagnosis of the power station, including but not limited to:

- Basic Information: Power station basic information.
- PV Modules: Analyze the power generation efficiency and shading conditions of the modules.
- Inverter: Detect the current dispersion deviation of the inverter.
- Energy Storage Consistency: Evaluate the consistency of energy storage batteries.

Step 1: View the "AI Health" on the power station dashboard.

Step 2: Click "Go to Diagnosis" > "Start Diagnosis".

Step 3: After the diagnosis is completed, click each module to view detailed diagnosis results and recommendations.

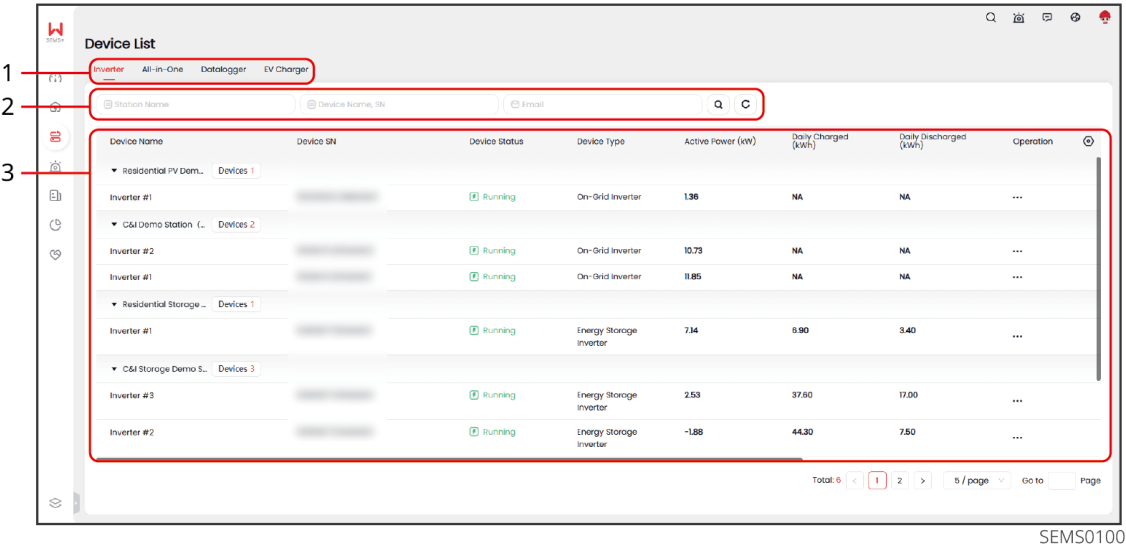


SEMS0099





5 Device Monitoring Information

5.1 Device List Overview

The "Device List" interface supports viewing the overview of all devices under the account, including device name, device serial number, associated power station, operating status, and other relevant information.



No.	Function Description
1	Device type tabs. Display based on the actual device types in the power station.
2	Locate the target power station quickly by filtering or entering power station information.

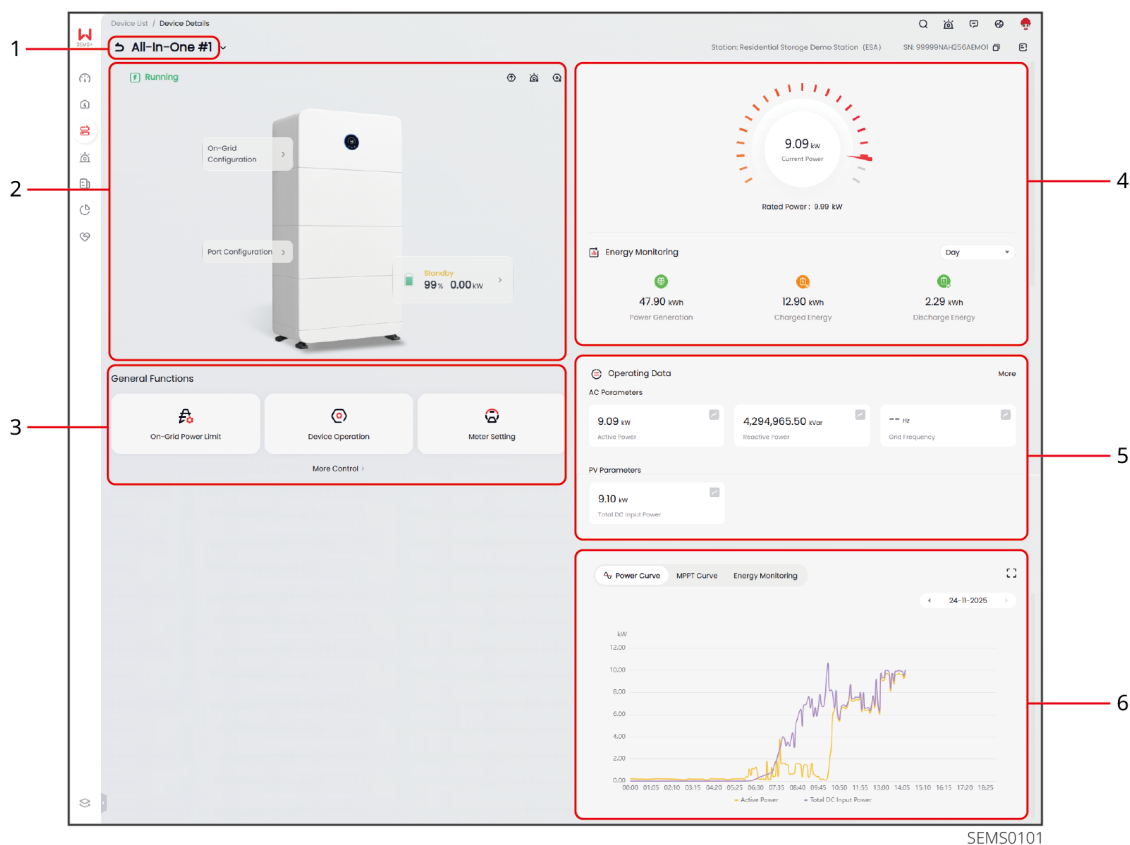
No.	Function Description
3	<p>Display overview information of all power stations under the account.</p> <ul style="list-style-type: none"> • Display the overview of all devices of the same type under the account, including device name, associated power station, serial number, status, type, power, power generation, and other data. <p>The displayed information can be adjusted  via configuration.</p> <ul style="list-style-type: none"> • Click the device name to access the Device Details page. • Click  to modify the device name or add device notes. • Click  >  to delete the device.







5.2 Device Details



In the "Device List", click the "Device Name" of the specific device you want to view to enter the "Device Details" page. On the "Device Details" page.

On the "Device Details" page, you can view device information, operating status, power generation, and power curves, or configure device parameters such as operating mode, grid-connection parameters, safety parameters, and battery parameters.

The details page displayed varies by device type; please refer to the actual interface. The following takes the Industrial and Commercial Integrated Cabinet as an example.



No.	Function
1	<p>Displays device information such as SN and affiliated power station.</p> <ul style="list-style-type: none"> Click to  switch to other devices in the power station. Click  to copy the device SN. Click  to view detailed device information, including device type, model, addition time, rated power, etc.
2	<ul style="list-style-type: none"> Device Operating Status Click  to upgrade the device or view device upgrade records. Click  to view alarm records. Click  to view device control records. For certain devices (e.g., all-in-one machines), quick access is provided to view or configure details of PCS, batteries, etc.

No.	Function
3	<ul style="list-style-type: none"> Displays quick access to frequently used controls. Click "More Controls" to view all device controls.
4	<ul style="list-style-type: none"> Displays the current power and rated power values. Shows power generation by daily, weekly, monthly, annual, and total time dimensions.
5	<ul style="list-style-type: none"> Displays device operating data. Click  to show curve graphs of various parameters. Click "More" to view detailed data of all parameters.
6	<ul style="list-style-type: none"> Displays power curves, MPPT curves, and energy monitoring curves across all time dimensions. Click  to enlarge and view the curve graphs.

5.3 Setting the Device Parameters

Different device models have different parameter setting interfaces. Please refer to the actual device for details.

Step 1: Click "Device List" and select the device type tab according to actual needs.




Step 2: Click the name of the device to be configured to access the Device Details Interface.

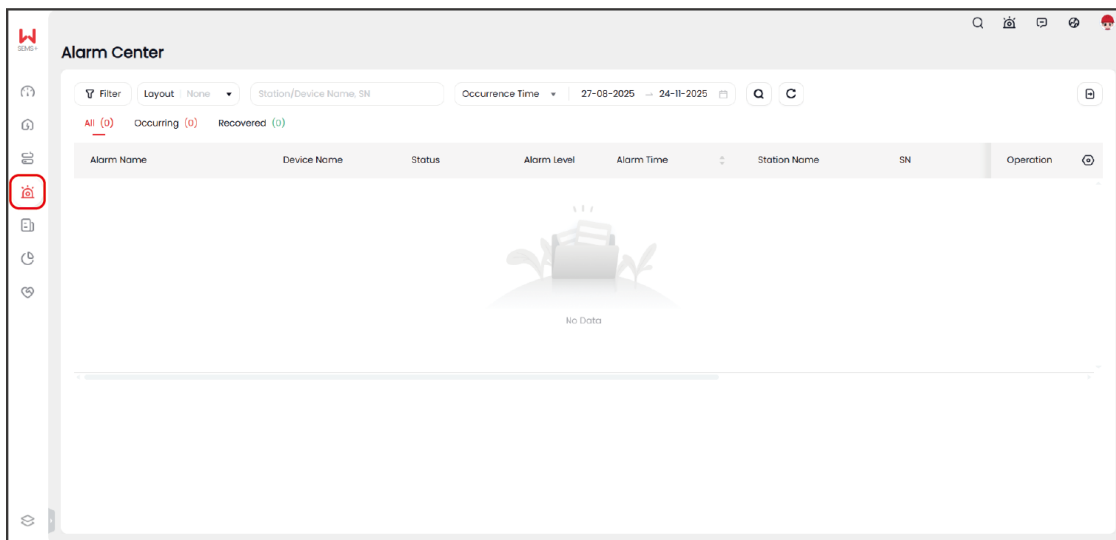
Step 3: Click "More Settings" and configure parameters based on actual requirements.

SEMS0102

6 Alarm Management

Through the Alarm Center interface, you can view alarms from all power stations under the account and perform operations such as confirming and downloading alarms.

- It supports filtering by device type, alarm level, alarm type, status, and other relevant information, which can be saved as a view.
- Filtering of alarm information within a specified time period is supported.
- You can view detailed alarm information by clicking the alarm name.
- Click  to adjust the types of information displayed on the interface.
- Click  to favorite an alarm.
- Click  to download alarm information.



SEMS0103

7 Intelligent Analysis

Applicable only to selected power stations; please refer to the actual interface for details.

7.1 IV Diagnostic

Based on IV curve analysis, fault diagnosis is performed for power station equipment to automatically locate faults, propose improvement suggestions, and generate diagnostic reports.



Before conducting an IV diagnostic or scan task, refer to the task configuration operation guidelines to ensure compliance with the operating conditions.

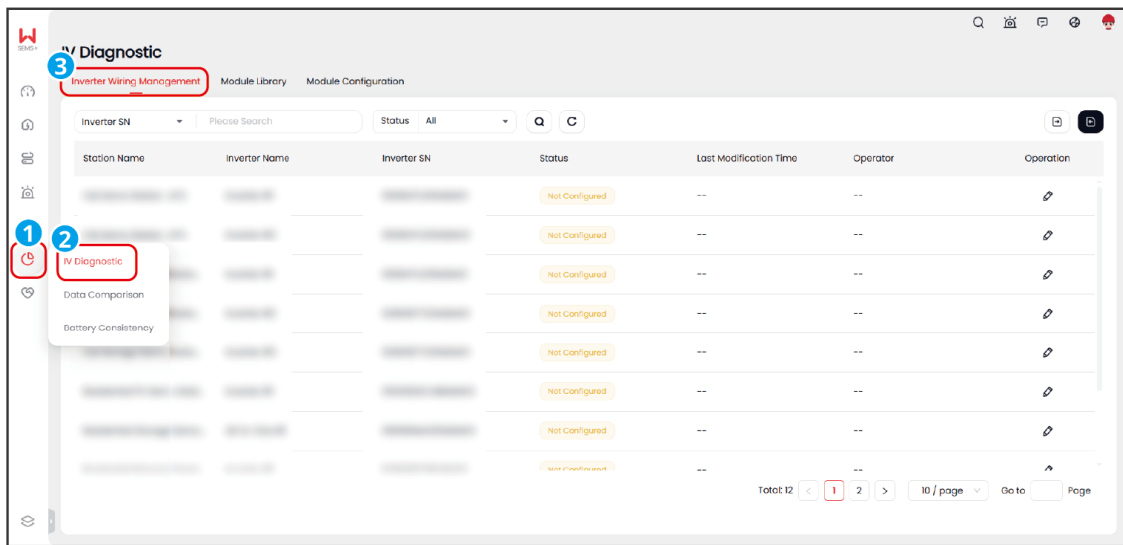
7.1.1 Manage Inverter Wiring Information

When the inverter supports connecting to multiple string arrays, the ports of the connected string arrays must be configured according to the actual wiring conditions. Example: Inverter A is equipped with PV1-10 ports, but only PV1-3 are actually connected to string arrays. In this case, PV1-3 need to be selected and configured.

Step 1: Click "Analysis" > "IV Diagnosis" > "Inverter Wiring Management".

Step 2: Edit the inverter wiring information according to actual needs. The status will be displayed as "Configured" after completing configuration.

- If a single inverter requires configuration, click  it to proceed.
- If multiple inverters need to be configured, click "Download Template", fill in the module information in the template, and then click  Batch Upload.



SEMS0104




7.1.2 Manage Module Information

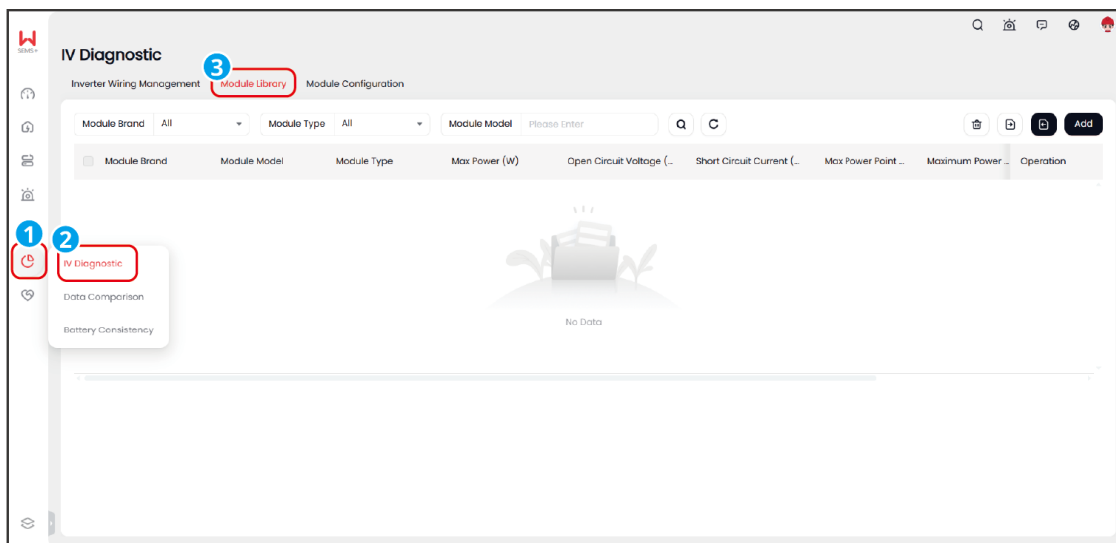
Manage Module Library

\Supports adding, deleting, or downloading component information in the power station, including module brand, model, type, power, current, voltage, etc.

Step 1: Navigate to "Analysis" "> "IV Diagnostic" > "Module Library" to access the Module Library Management page.

Step 2: Add or delete component library information as needed:

- To add a single module: Click "Add" to add a single component.
- To add multiple modules: Click "Download Template", fill in module details in the template, then click  for batch upload.
- Select the target modules and click  to delete the selected modules.
- Click  to export all data from the current module library.



SEMS0105

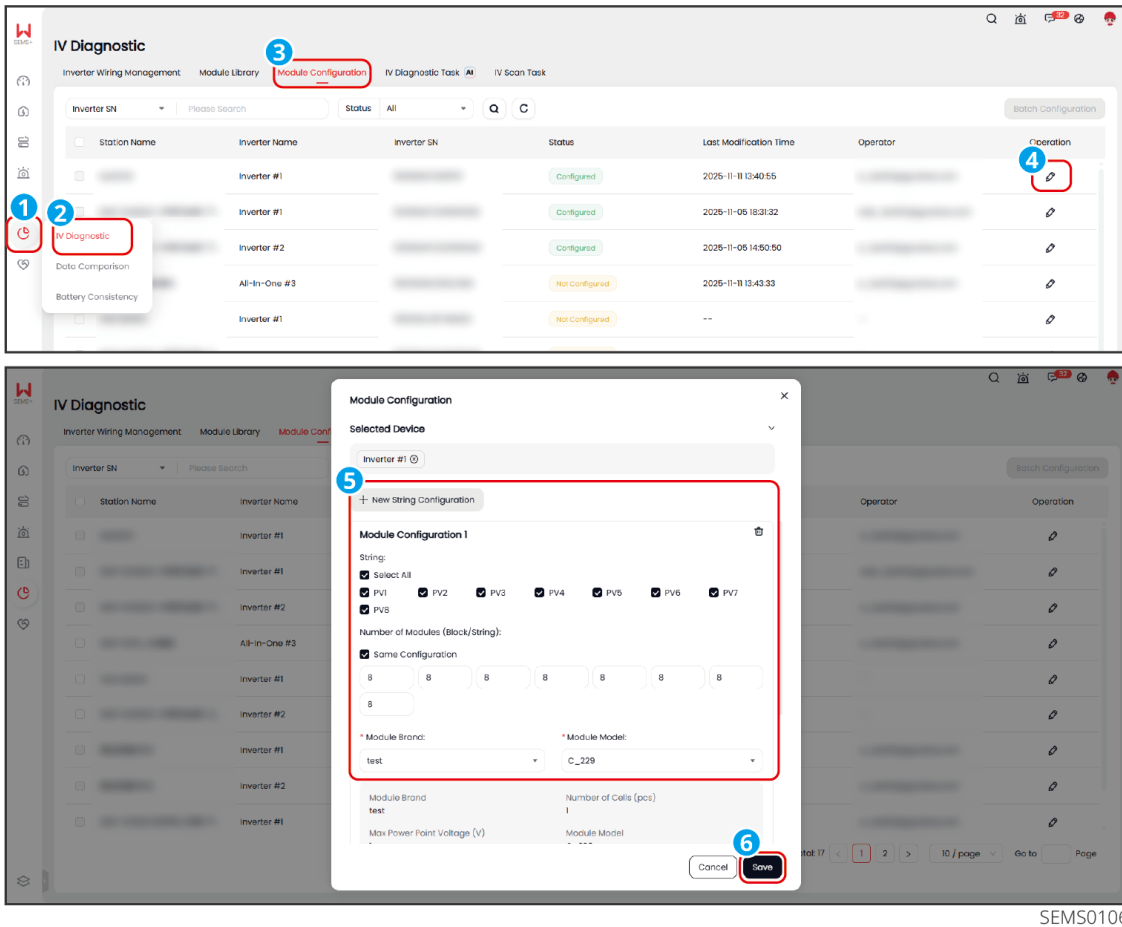
Manage Module Configuration

Supports configuring module information for each PV string connected to the inverter. Before configuring inverter modules, ensure the corresponding module information has been added to the module library.

Step 1: Navigate to "Analysis" > "IV Diagnostic" > "Module Configuration".

Step 2: For inverters in the "Unconfigured" status, click  to enter the configuration page.

Step 3: Configure the inverter's module information according to actual requirements and click "Save".







SEMS0106

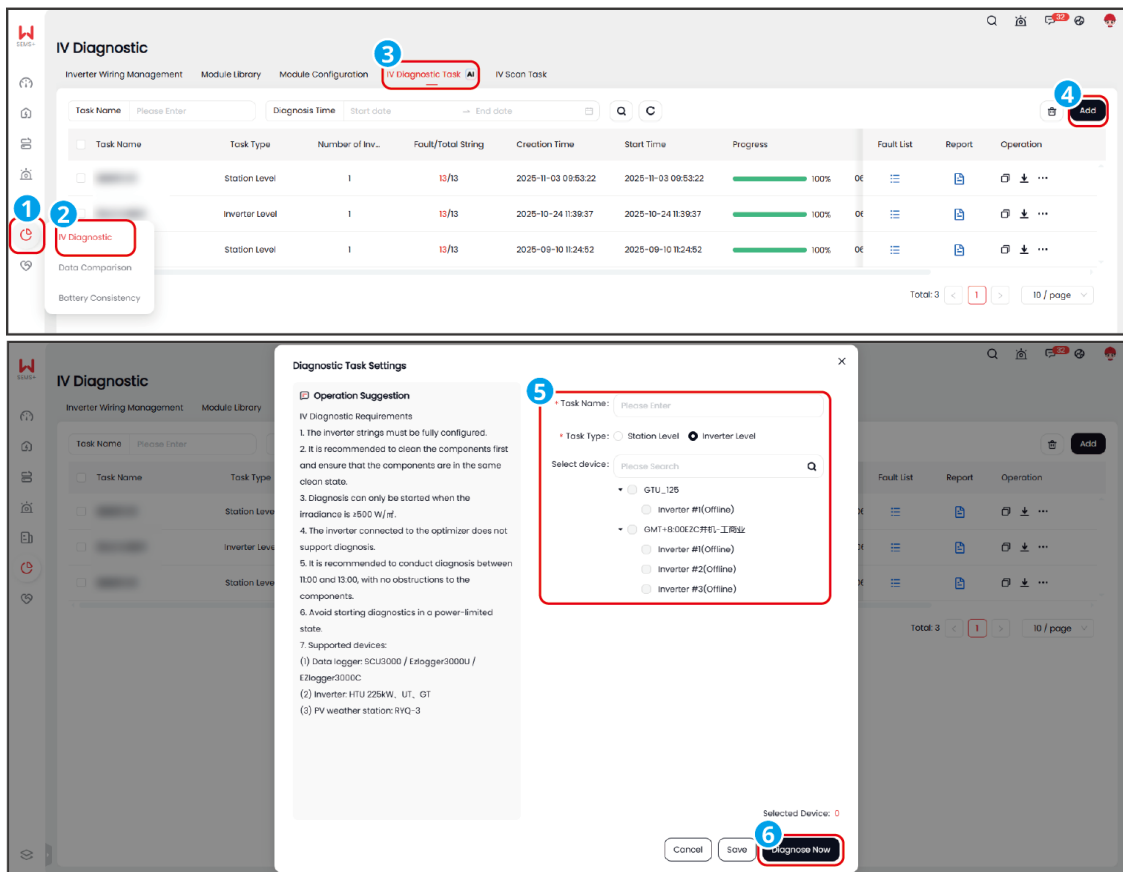
7.1.3 IV Diagnosis Tasks

Step 1: Click "Analysis" ">" "IV Diagnostic" > "IV Scan Tasks" to access the diagnostic page.

Step 2: Click "Add" to access the Scan Task Creation Interface. Fill in the task requirements based on actual needs and click "Scan Now" to initiate the task.

Step 3: After the scan is completed, the system will automatically return to the IV Diagnostic Interface, where task progress and other relevant information can be viewed.

- Click  to view the report or export the report;
- Click  to download the report;
- Click  >  to delete the report.







SEMS0107

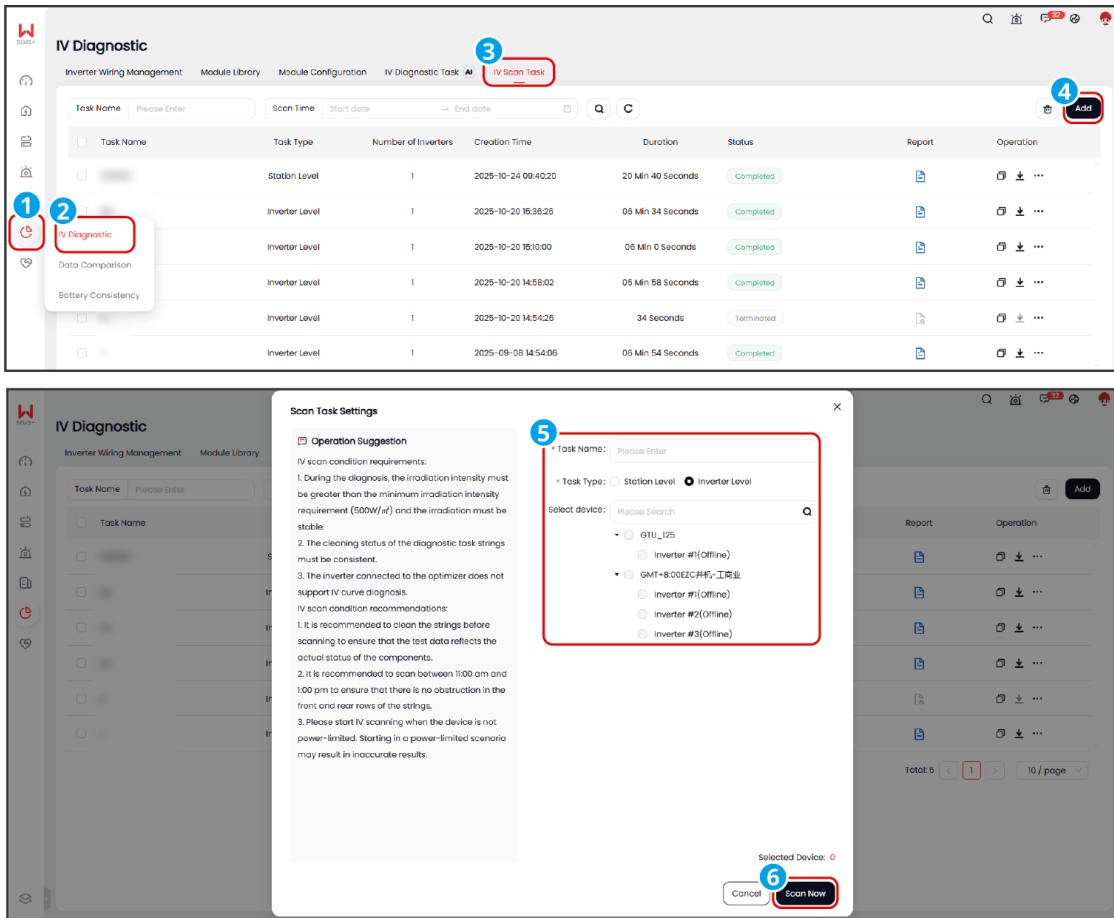
7.1.4 IV Scanning Tasks

Step 1: Click "Analysis" ">" "IV Diagnostic" > "IV Scan Tasks" to access the diagnostic page.

Step 2: Click "Add" to access the Scan Task Creation Interface. Fill in the task requirements based on actual needs and click "Scan Now" to initiate the task.

Step 3: After the scan is completed, the system will automatically return to the IV Diagnosis Interface, where task progress and other relevant information can be viewed.

- Click  to view the report or export the report;
- Click  to download the report;
- Click  >  to delete the report.



SEMS0108

7.2 Data Comparison

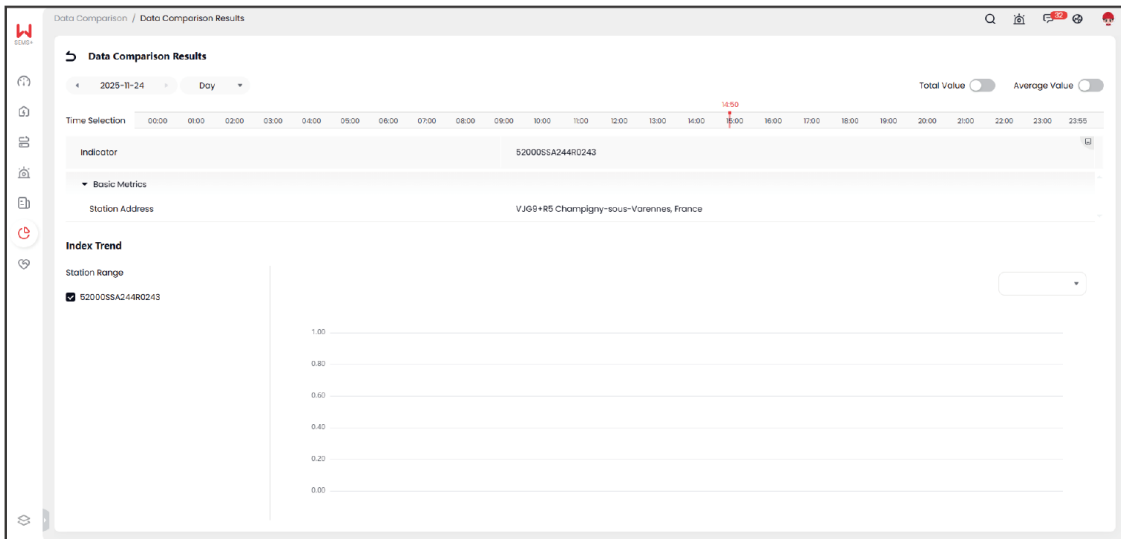
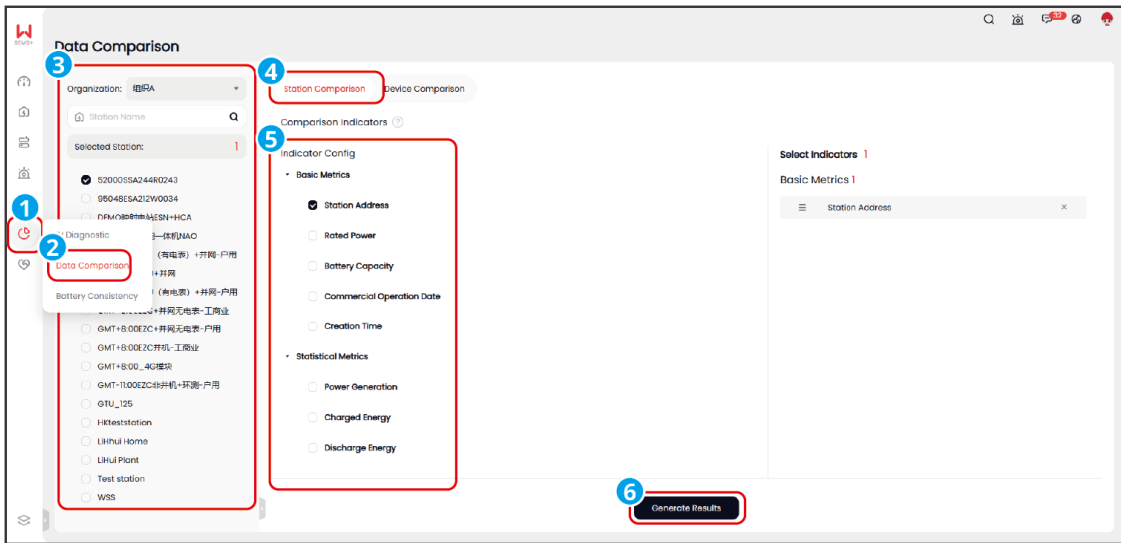
Support selecting multiple power stations to perform data comparison between power stations and between devices under the same power station.

Step 1: Click "Analysis" > "Data Comparison" to access the Data Comparison Interface.

Step 2: Select the power stations to be compared.

Step 3: Select "Power Station Comparison" or "Device Comparison" according to actual needs, and configure the indicators to be compared.

Step 4: Click "Generate Results" to enter the Comparative Data Display Interface.



SEMS0109

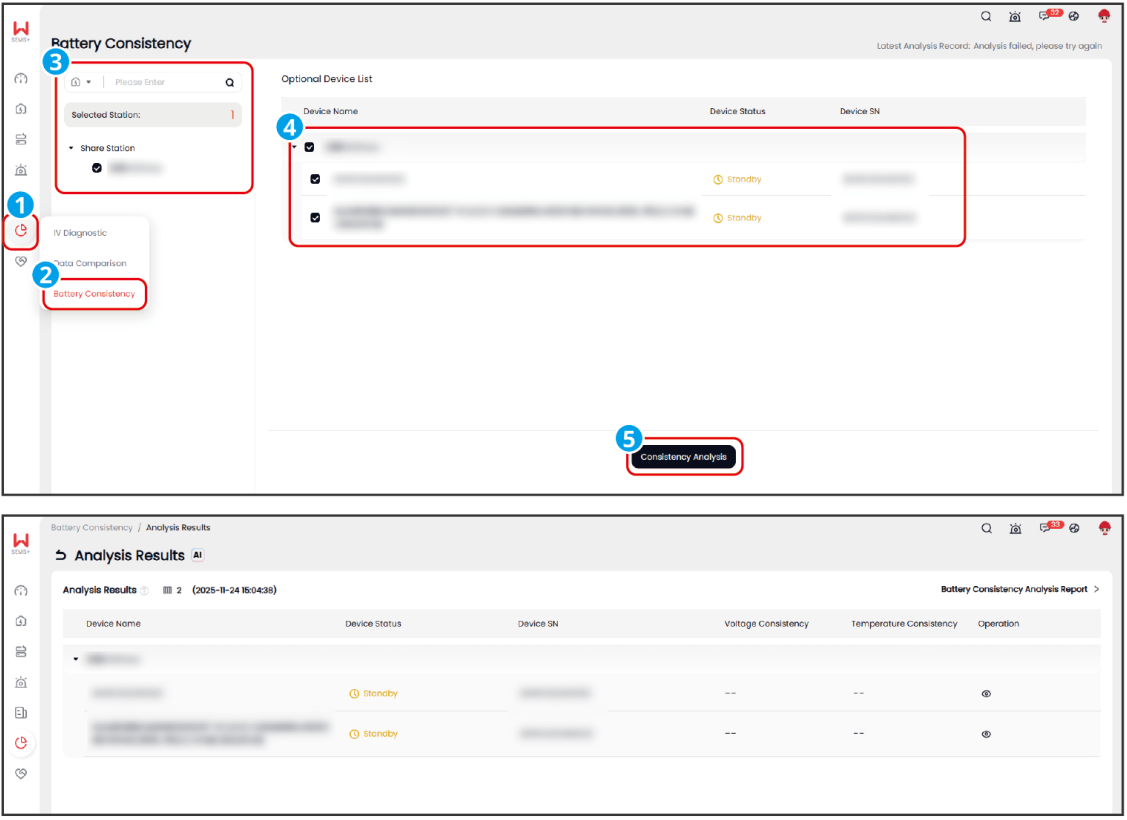
7.3 Battery Consistency Analysis

Supports selecting multiple batteries for batch analysis of temperature consistency and voltage consistency, improving monitoring efficiency.

Step 1: Click "Analysis" > "Battery Consistency Analysis" to access the Data Comparison Interface.

Step 2: Select the power plants and devices to be compared.

Step 3: Click "Consistency Analysis" to enter the analysis results interface after the analysis is completed. If required, click to download the consistency analysis report.



SEMS0110


8 Report Management

After logging into SEMS+ Web, click "Report Center" in the navigation bar to view or configure report information.

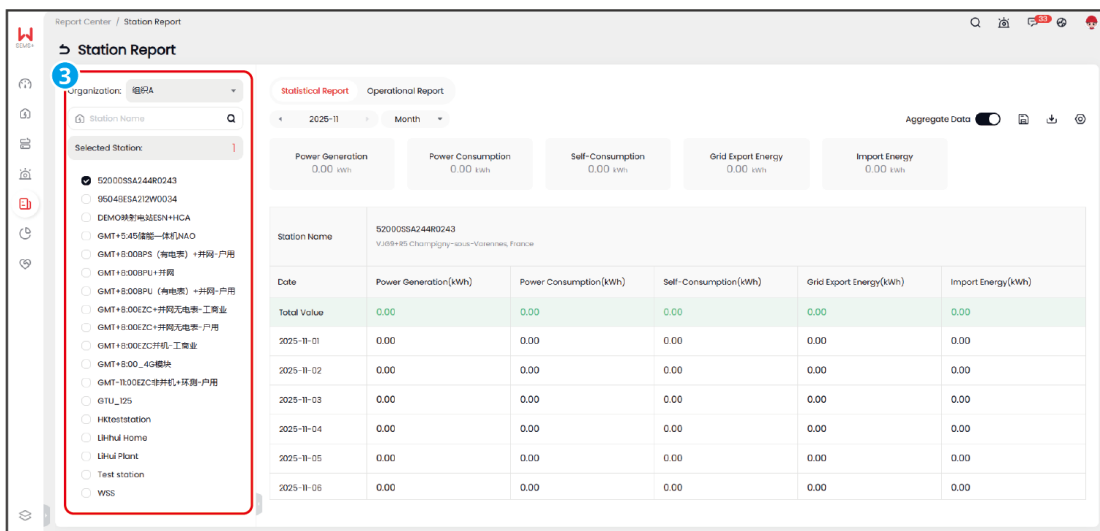
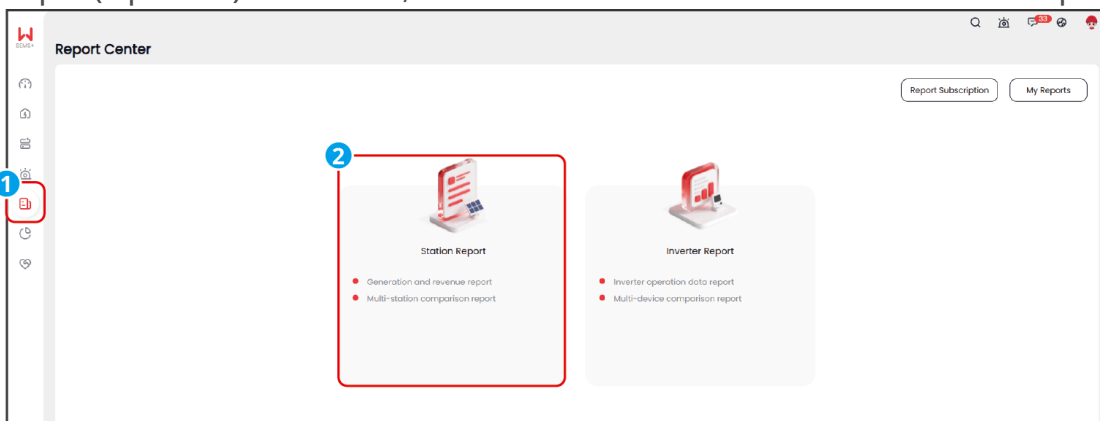
8.1 Viewing Power Plant Report

Step 1: Click "Report Center" > "Power Plant Report" to access the setting interface.

Step 2: Select one or more power stations to view.

Step 3: Select the report type, time range, and other relevant criteria according to actual needs to display the report information. Click  to configure statistical indicators, sorting, and other settings in the report.

Step 4 (Optional): If needed, click  to download or  save the report.




SEMS0111

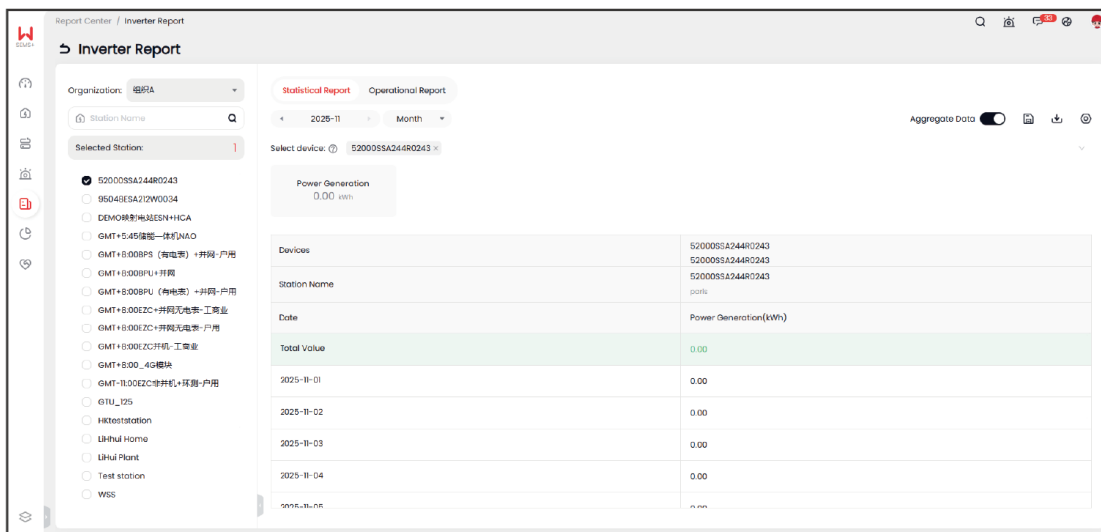
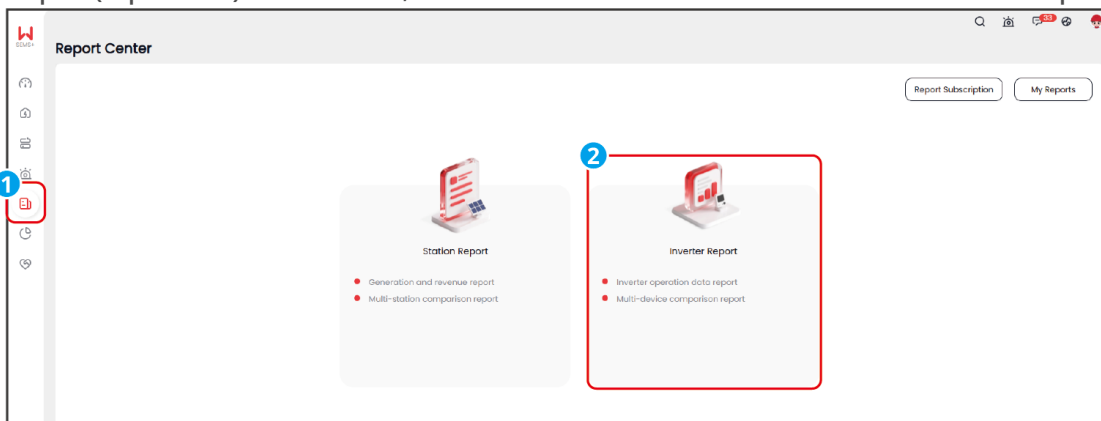
8.2 View Device Reports

Step 1: Click "Report Center" > "Inverter Device Report" to access the setting interface.

Step 2: Select one or more power stations to view.

Step 3: Select the report type, time range, and other relevant criteria according to actual needs to display the report information. Click  to configure statistical indicators, sorting, and other settings in the report.

Step 4 (Optional): If needed, click  to download or  save the report.

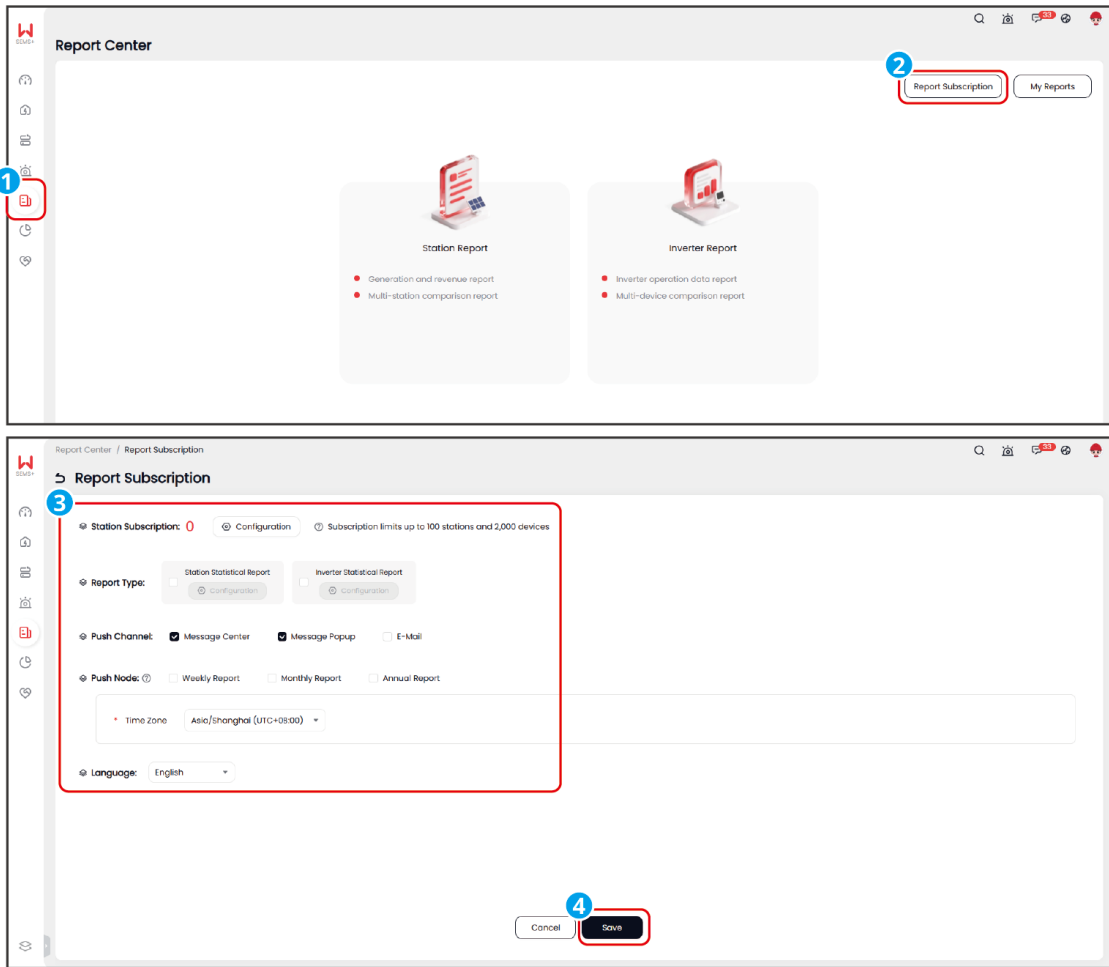


SEMS0112

8.3 Set Report Subscription Information

The customization of report information and push methods based on actual needs is supported. The selection of the organization type, report type, push trigger, push channel, and other relevant settings for the reports to be pushed is supported.

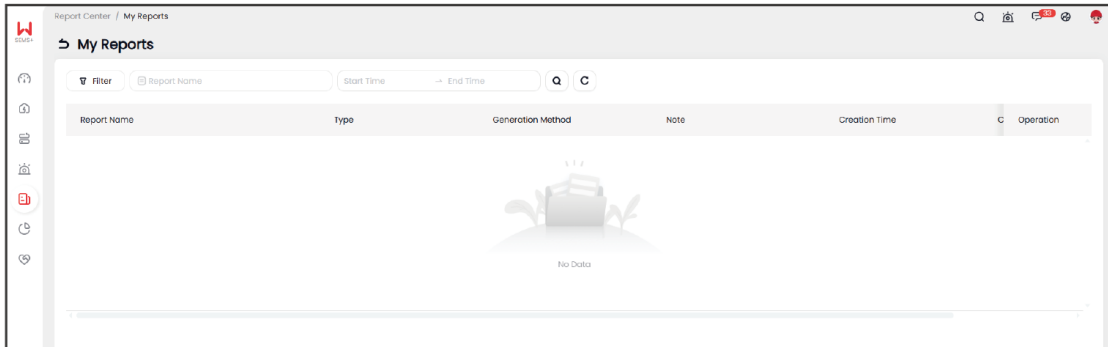
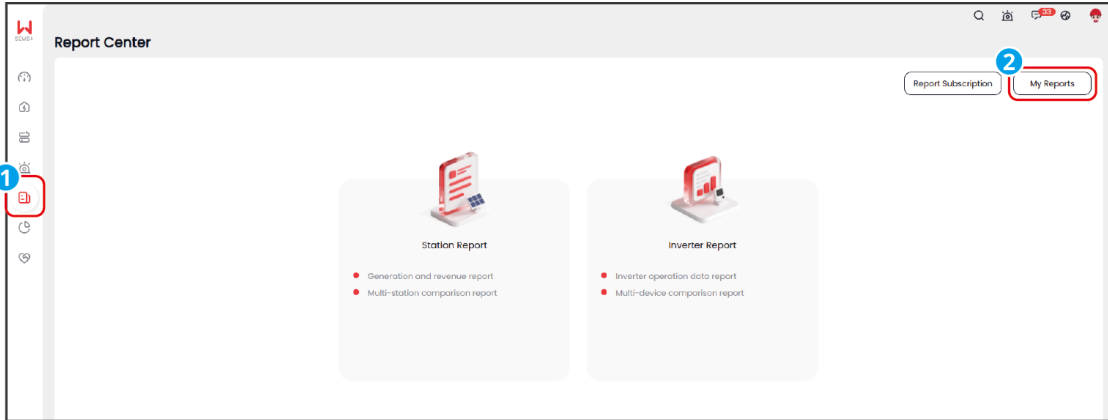
Step 1: Click "Report Center" > "Report Subscription" to access the setting interface.



SEMS0113

8.4 Query My Reports

Step 1: Navigate to "Report Center" > "My Reports" to access the My Reports page. Filter, view, download, or delete reports according to your actual needs.

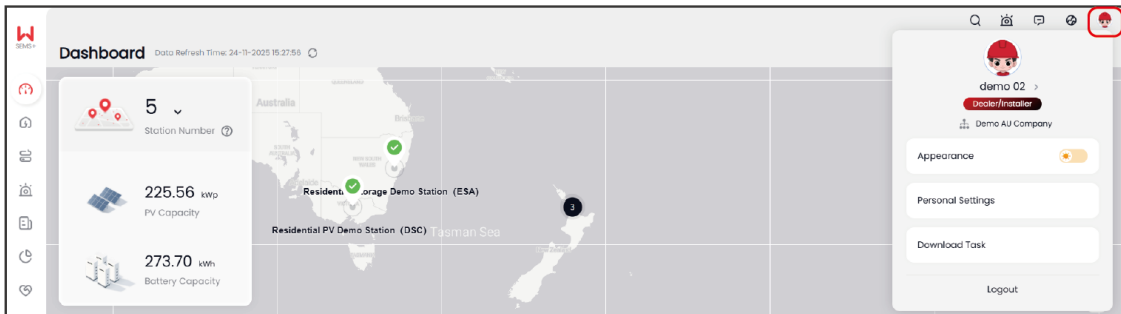


SEMS0114

9 Personal Center Management

Support personalized account settings, such as switching the Web interface appearance, modifying personal information, and viewing download tasks.

- Click "Appearance" to switch the display style of the Web interface, with Light and Dark modes supported.
- Click "Personal Settings" to configure personal information, preference settings, subscription configurations, and change the password.
- Click "Download Tasks" to view and manage the progress of all exported tasks.



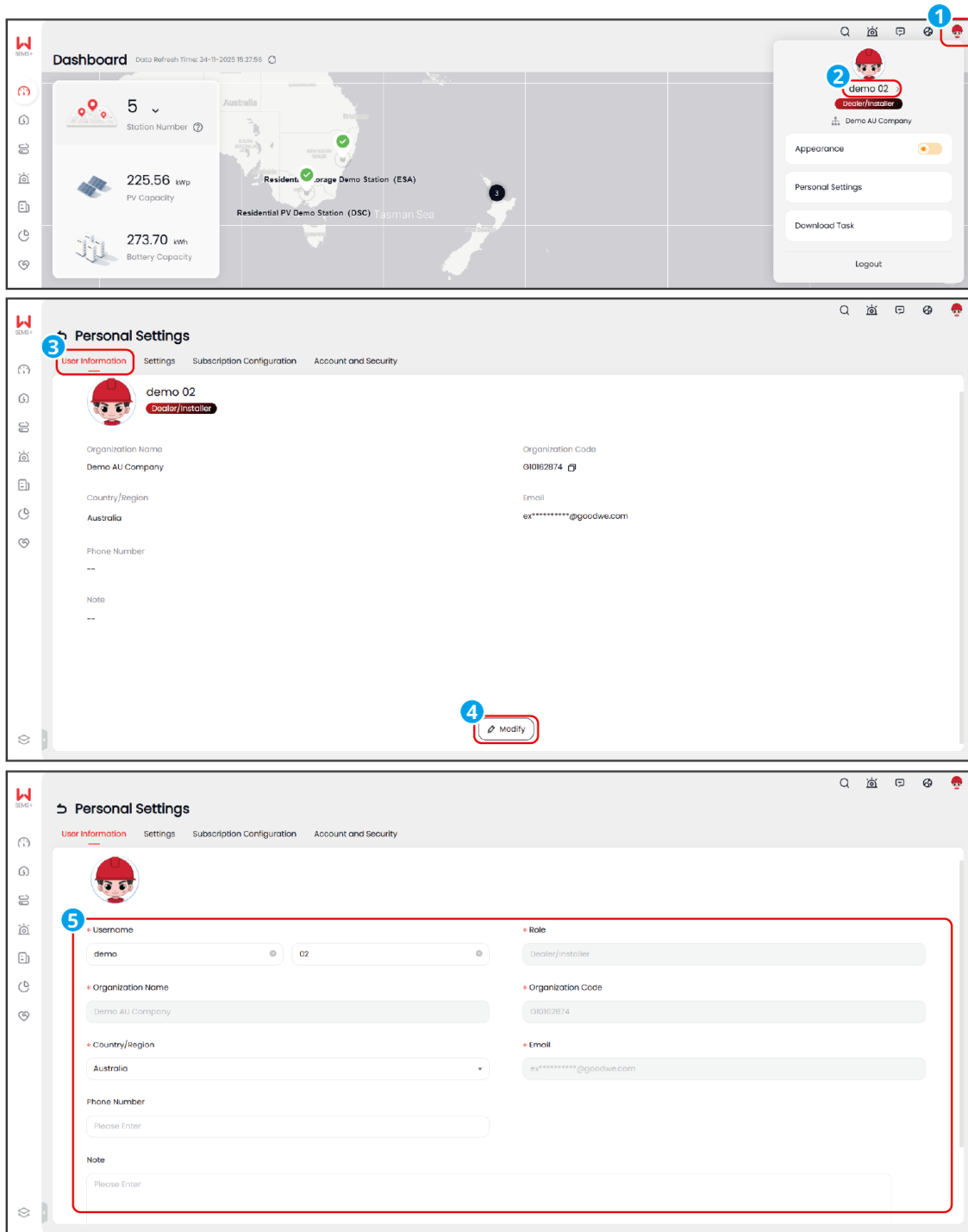
SEMS0115

9.1 Modify User Information

Step 1: Click your account avatar in the upper right corner of the web interface > "Personal Settings" > "User Information".

Step 2: Click "Modify" to update the account information that needs modification, such as avatar, user name, and country or region.

Step 3: Click "Save" to complete the changes.



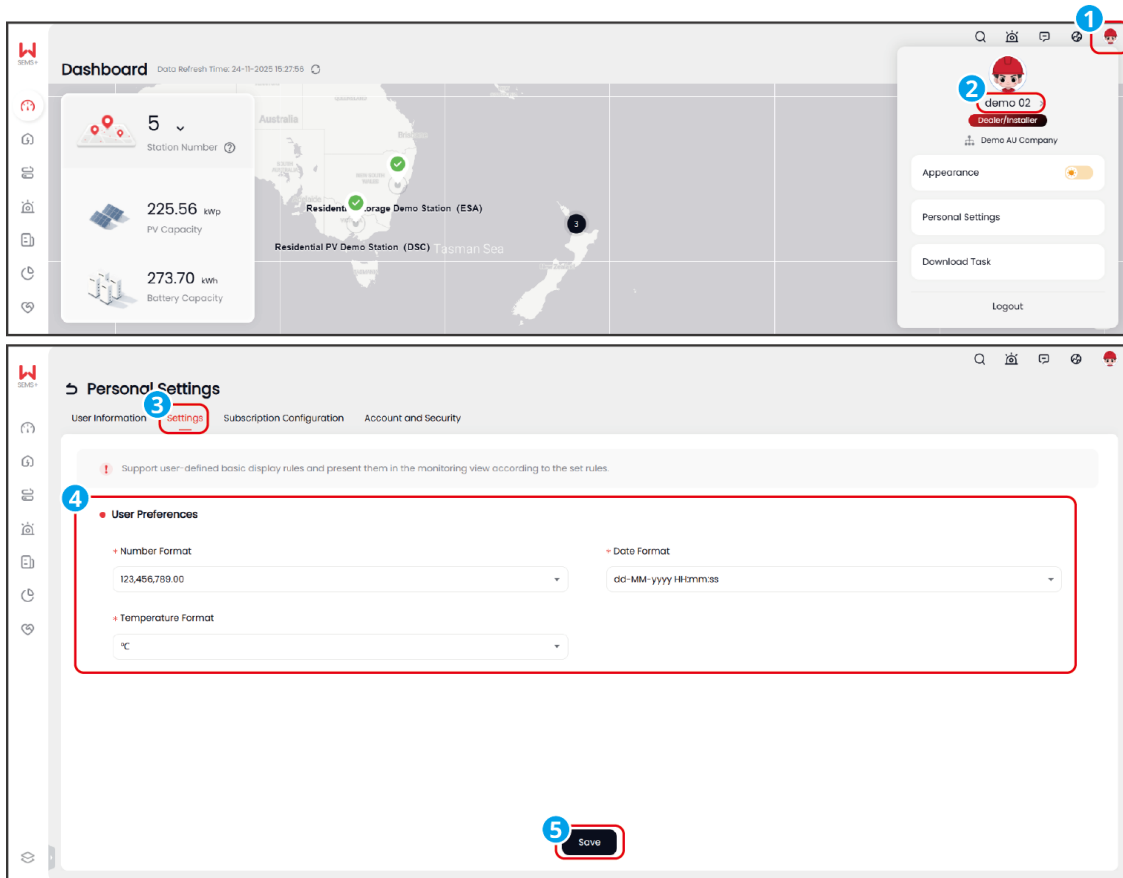
SEMS0116

9.2 Set Preference Formats

Step 1: Click your account avatar in the upper right corner of the web interface > "Personal Settings" > "Settings".

Step 2: Modify the number display format, date format, temperature format, etc.

Step 3: Click "Save" to complete the changes.



SEMS0117

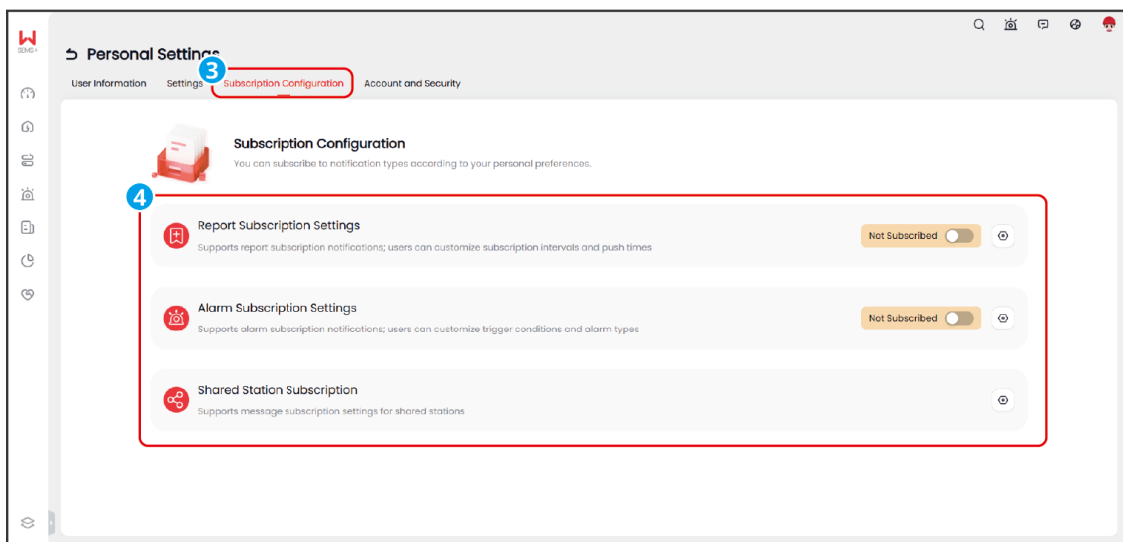
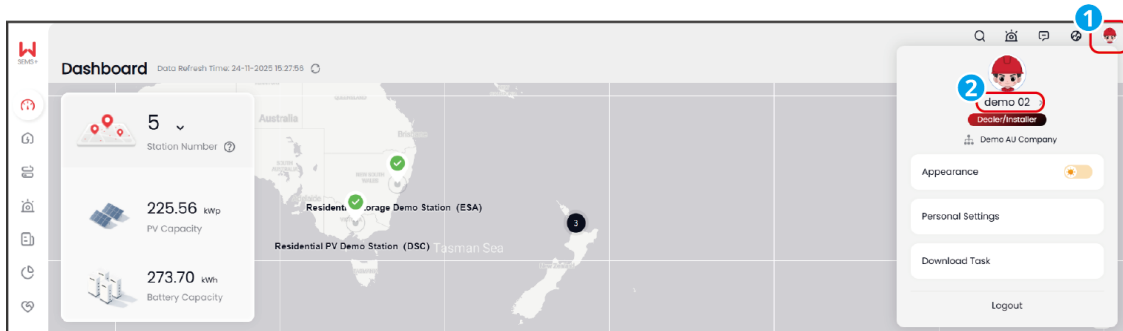
9.3 Set Subscription Information

Configuration of report subscriptions, alarm subscriptions, and shared power station subscriptions is supported.

Report Subscription: Customize report info and push methods as needed. Select organization type, report type, push trigger, push channel, etc.

Alarm Subscription: Customize alarm info and push methods as needed. Select alarm target power stations, alarm types, push timestamps, etc.

Shared Power Station Subscription: Set message push channel for power stations shared with you.



SEMS0118

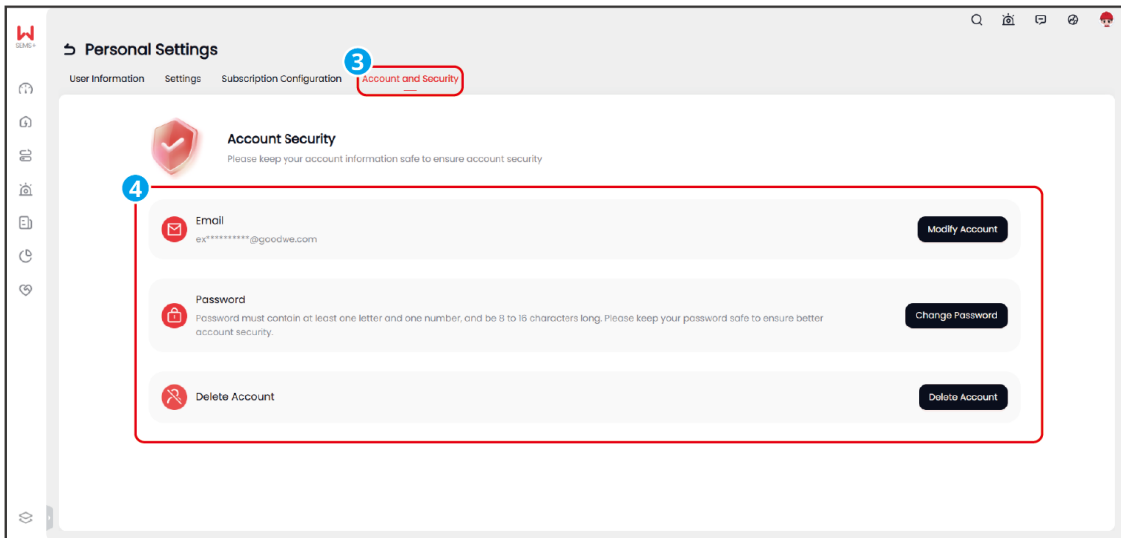
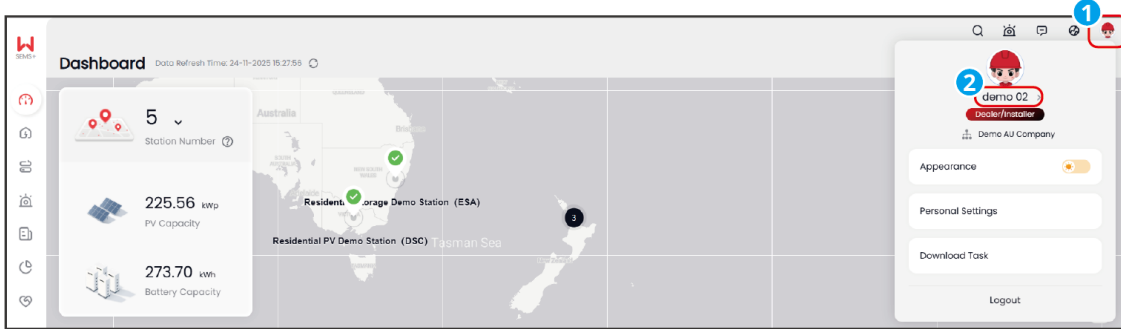
9.4 Modify Account Information

Modify the email address linked to your account or login password is supported.

Step 1: Click your account avatar in the upper right corner of the web interface > "Personal Settings" > "Account and Security".

Step2: Click "Modify Account" or "Change Password" according to actual needs. Step 4: Tap "Save" to complete the modification.

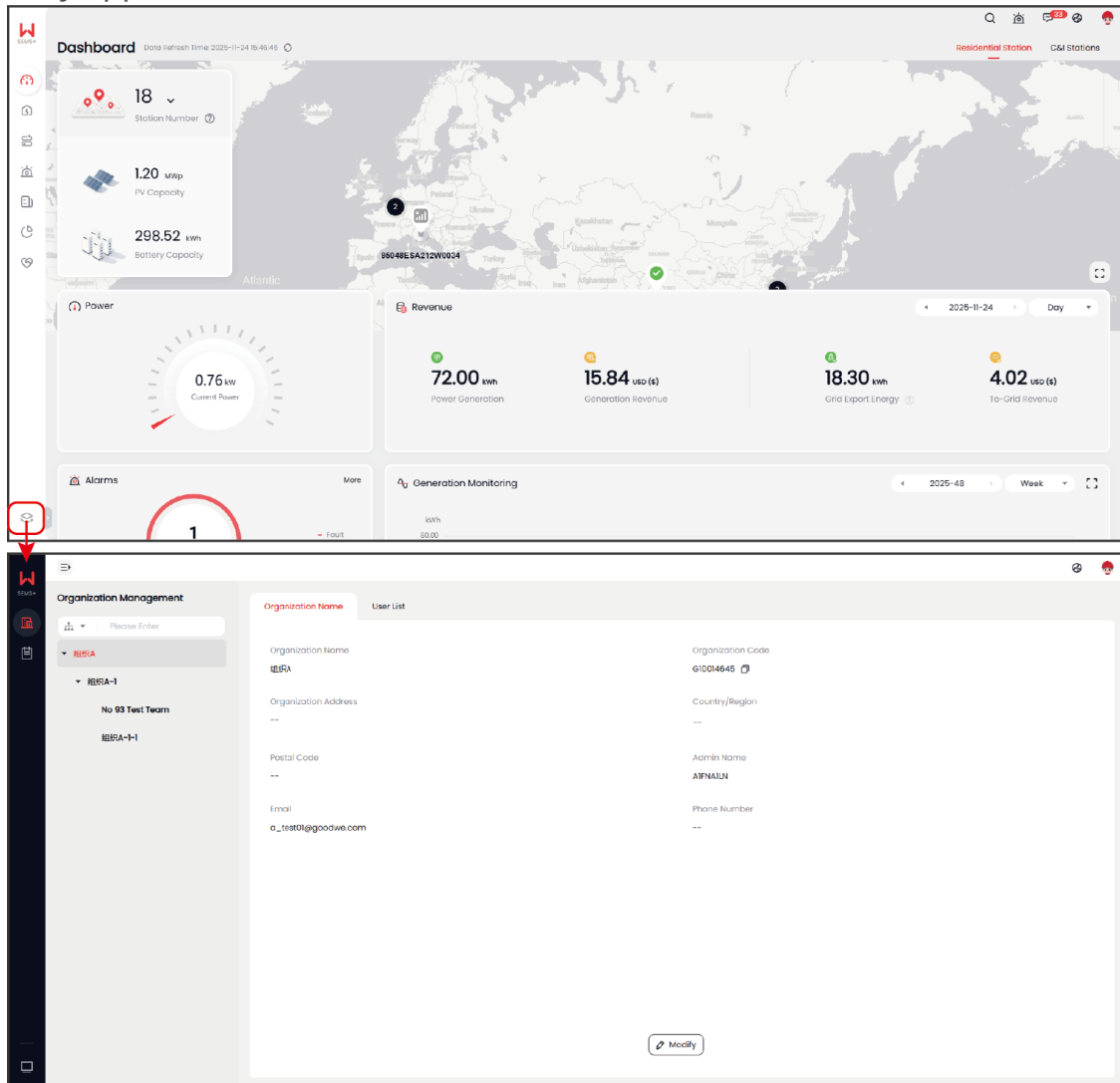
Step 3: After the modification is completed, the interface will automatically redirect to the login page. Please log in again.



SEMS0119

10 Organization Management


Only applicable to owner accounts.






SEMS0120

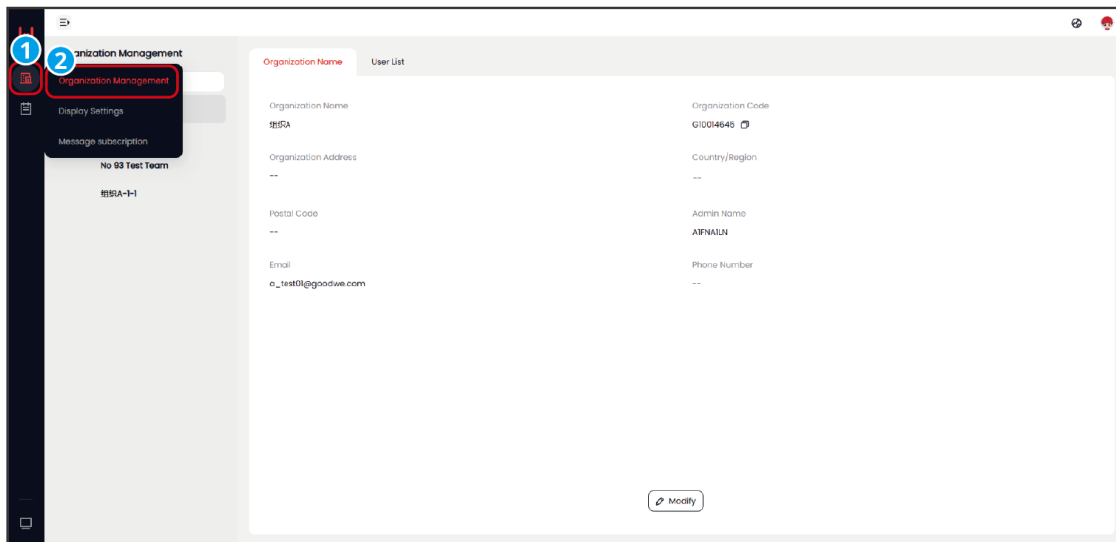
10.1 Manage Organization Information

Step 1: Click "Background Management"> "Organization Management" > "Organization Management".

- Support adding or deleting organizations. Click the "+" next to the organization name to create a new organization. A maximum of 5 hierarchy levels are allowed. Click ... >  to delete organization.
- Support modifying organization information. Click "Modify" on the "Organization

Information" page to make modifications.

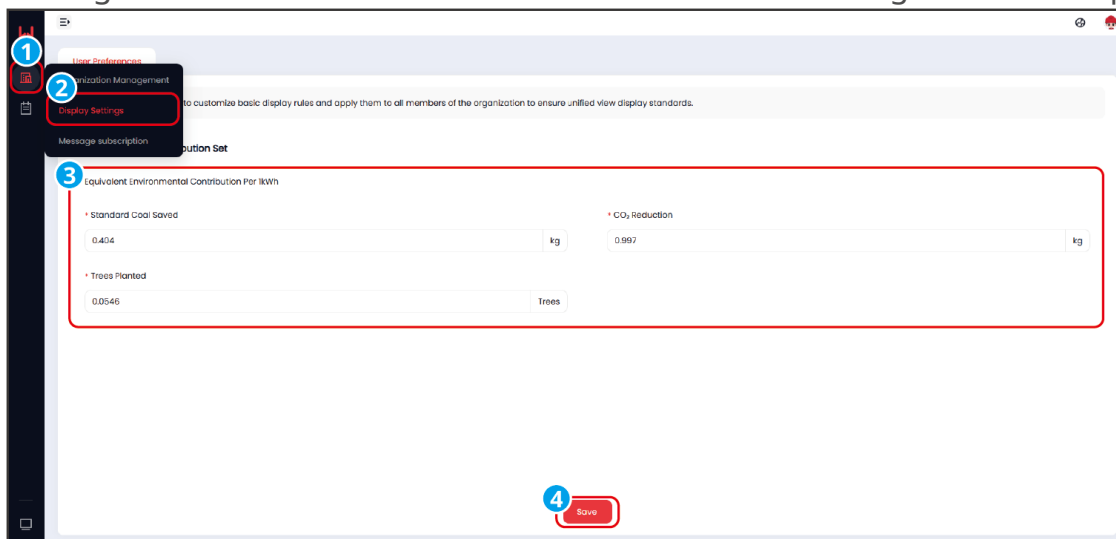
- Support managing users under the organization. On the "User List" page, click "Create New User" to add users under the organization; click  "Reset Account Password"; click  "Edit User Information"; click  "Delete User".



SEMS0121

10.2 Set Display Information

Step 1: Click "Background Management"> "Organization Management" > "Display Settings". Modification of environmental contribution configurations is supported.



SEMS0122

10.3 Set Subscription Information

Set Subscription Information. The organizational-level plan for alarm subscription takes precedence over the personal settings plan.

Report Subscription: Customize report info and push methods as needed. Select organization type, report type, push trigger, push channel, etc.

Alarm Subscription: Customize alarm info and push methods as needed. Select alarm target power stations, alarm types, push timestamps, push user etc.

Step 1: Click "Background Management" > "Message Subscription" > "Create New Plan".

Step 2: Set functions according to actual needs.

The top screenshot shows the 'Message Subscription' list. A sidebar on the left has a 'Message Subscription' link highlighted with a red circle and the number '2'. A 'New Add' button is highlighted with a red box and a red arrow. The table below shows one subscription plan.

Plan Name	User Count	Plan Description	Plan Activation	Creator	Update Time	Operation
1	0	--	<input type="checkbox"/>	测试体验账号020	2025-09-20 15:57:08	Edit Delete

The bottom screenshot shows the 'New Add' form. It includes fields for Plan Name, Plan Description, Station Subscription (0), Report Type (Station Statistical Report, Inverter Statistical Report), Push Channel (Message Center, Message Popup, E-Mail), Push Node (Weekly Report, Monthly Report, Annual Report), Time Zone (Asia/Shanghai (UTC+08:00)), and Language (English). There are 'Cancel' and 'Save' buttons at the bottom.

SEMS0124

10.4 Manage Logs

Step 1: Click "Background Management" > "Log Management".



[illegible]

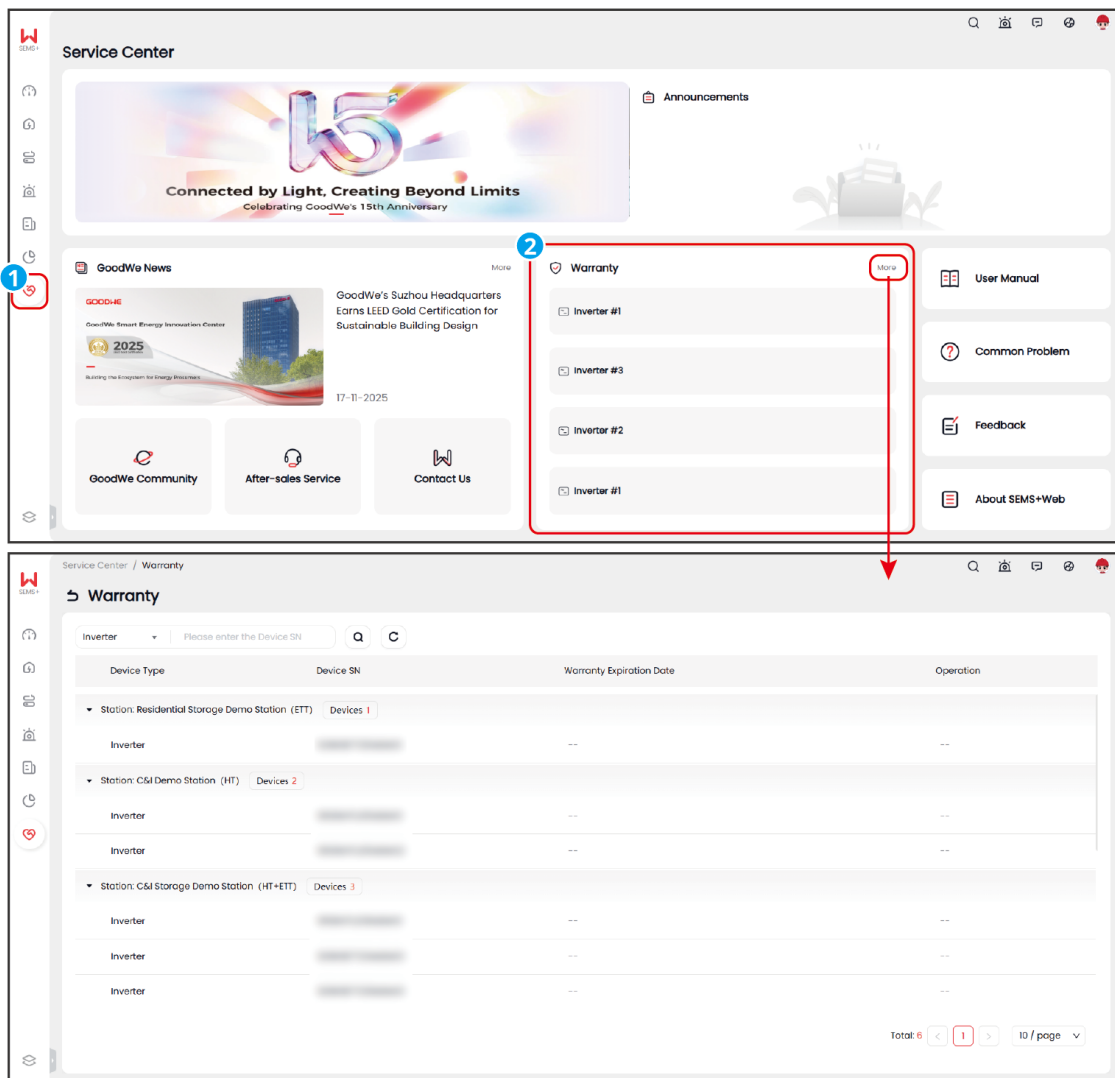
11 FAQs

11.1 How to View Warranty Information

Step 1: Click "Service Center" and view the warranty information of some devices in the "Warranty" module.

Step 2: Click "More" to access the Warranty Details Interface. Enter the device SN in the search box to quickly locate the power station or device to be queried.

Step 3: Click  to view the warranty details or click  to download the warranty information.



The screenshot displays the SEMS+Web Service Center interface. The top section features a banner for GoodWe's 15th anniversary and a sidebar with navigation links. The main content area is divided into two parts: a left sidebar with a 'Warranty' link (marked with a blue circle '2') and a 'More' link (marked with a red circle '1'), and a right sidebar with links to 'User Manual', 'Common Problem', 'Feedback', and 'About SEMS+Web'. The 'Warranty' section shows a list of devices with columns for Device Type, Device SN, Warranty Expiration Date, and Operation. The 'More' link is highlighted with a red box and an arrow pointing to the 'Warranty' section.

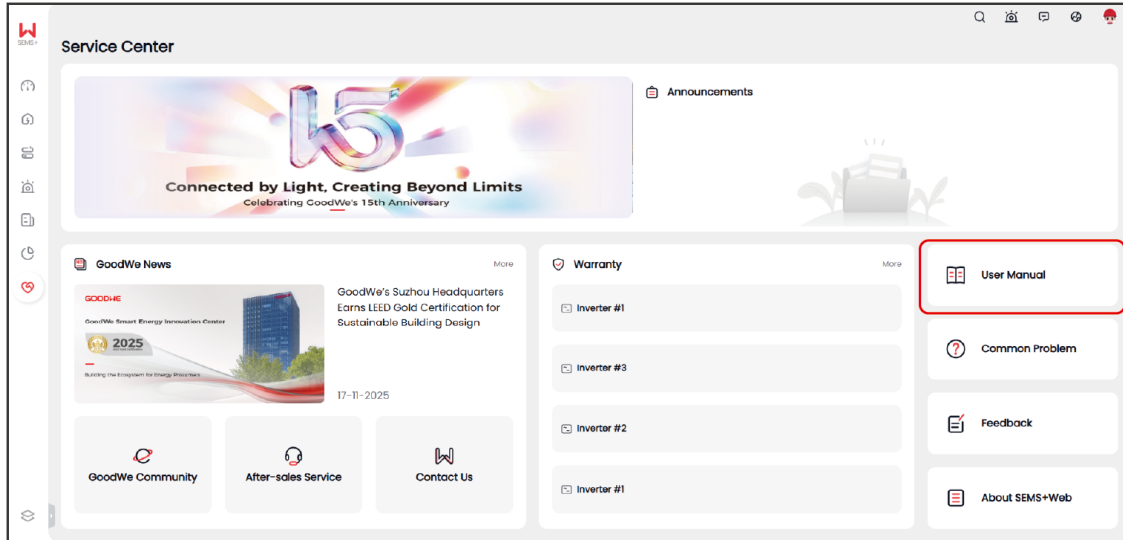
Device Type	Device SN	Warranty Expiration Date	Operation
▼ Station: Residential Storage Demo Station (ETT) Devices 1			
Inverter		--	--
▼ Station: C&I Demo Station (HT) Devices 2			
Inverter		--	--
Inverter		--	--
▼ Station: C&I Storage Demo Station (HT+ETT) Devices 3			
Inverter		--	--
Inverter		--	--
Inverter		--	--

Total: 6 < 1 > 10 / page

SEMS0126

11.2 How to Check the User Manual

Step 1: Click "Service Center" > "Operation Manual" to view the user manual.



SEMS0127

12 Contact Details

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service@goodwe.com