



C&I PowerHill DuLink Web User Manual

Notice

This manual contains important safety instructions, installation, electrical connections, commissioning, maintenance, and troubleshooting of the equipment.

Save the manual!

This manual must be stored carefully and be available at all times.

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Please check our website at <http://www.dunext.com> for latest version.

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About This Manual

Overview

Please read the manual carefully before performing any operations on the C&I PowerHill DuLink web. This manual contains common operations on the web.

Intended Audience

This manual is intended for installers and distributors of C&I PowerHill DuLink Web.

Change History

Changes between document issues are cumulative. The latest document issue contains all the changes made in earlier issues.

Issue 01 (2025-07-28)

This issue is used for first application

Quick Links to Commonly-Used Functions

- **Common Functions**
 - [Create Account](#)
 - [Login](#)
 - [Plant Management](#)
- **C&I PowerHill Plant**
 - [Overview](#)
 - [Alarm](#)
 - [Report](#)
 - [Setting](#)

1 Account and Security

1.1 Create Account

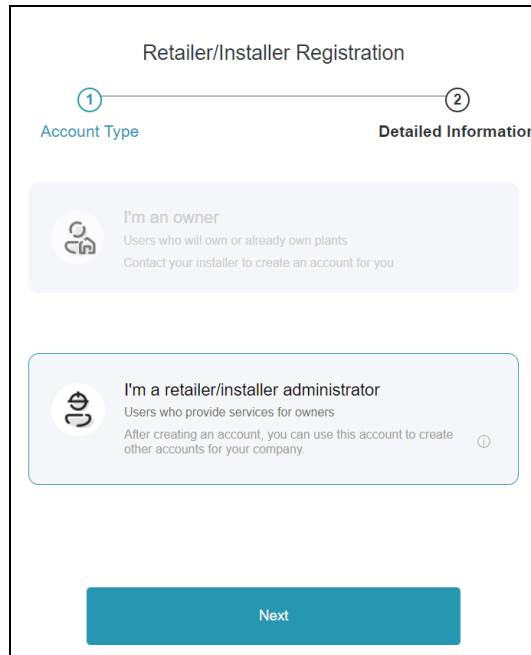
Before You Start:

Check if your company already has a DuLink account.

- If yes: Request account setup from your company administrator.
- If no: Follow the procedure below to register as an Administrator.

Procedure:

1. On the login page, click **Register**.
2. Select **Installer/Distributor** as your role.



The form is titled "Retailer/Installer Registration" and features a two-step process indicated by a progress bar at the top. Step 1, "Account Type", is the current step, and Step 2, "Detailed Information", follows. Under Step 1, there are two selectable options: "I'm an owner" (with a person icon) and "I'm a retailer/installer administrator" (with a person and gear icon). The "I'm an owner" option includes the text "Users who will own or already own plants" and "Contact your installer to create an account for you". The "I'm a retailer/installer administrator" option includes the text "Users who provide services for owners" and "After creating an account, you can use this account to create other accounts for your company." A blue "Next" button is located at the bottom of the form.

3. Enter required details, agree to ***Terms of Use*** and ***Privacy Policy***, then click **Register**.

Retailer/Installer Registration

① Account Type
② Detailed Information

* Country/Region

* Company Name

* Password

* Repeat Password

* Email

* Verification Code Send

Tap Send to get the verification code.

☐ I have read and agreed to the [Terms of Use](#) and [Privacy Policy](#)

Back
Register

1.2 Login

Procedure:

1. Select the language as required.
2. Enter **username/email** and **password**.
3. Agree to ***Terms of Use*** and ***Privacy Policy***.
4. Click **Login**.

DuLink

Please enter username or email.

Please enter password.

☒ Remember Password

[Forgot Password?](#)

☐ I have read and agreed to the [Terms of Use](#) and [Privacy Policy](#)

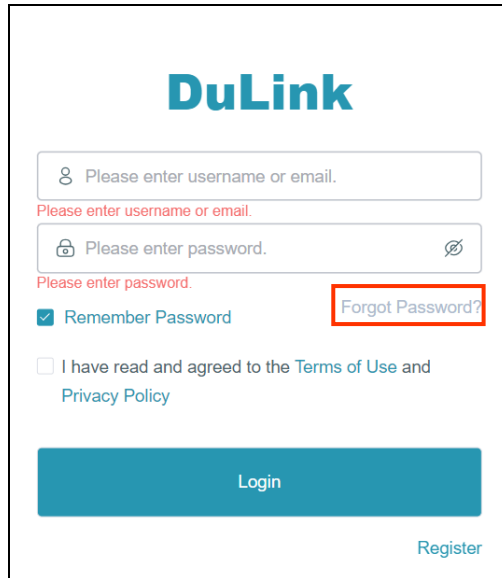
Login

[Register](#)

1.3 Retrieve Password

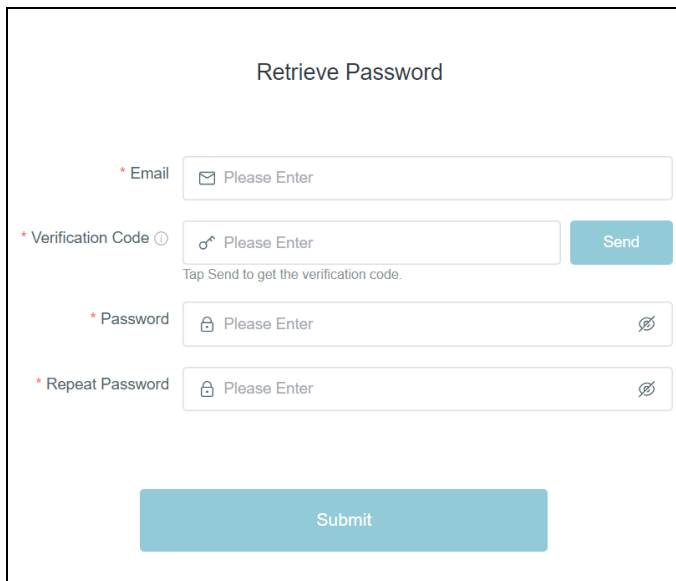
Procedure:

1. Click **Forgot Password** on the login page.



The screenshot shows the DuLink login interface. It features a header with the 'DuLink' logo. Below the logo are two input fields: 'Please enter username or email.' and 'Please enter password.' with a red error message 'Please enter username or email.' below the first field. There is a 'Remember Password' checkbox which is checked, and a 'Forgot Password?' link highlighted with a red box. Below these are links for 'Terms of Use' and 'Privacy Policy'. At the bottom, there is a large blue 'Login' button and a smaller blue 'Register' link.

2. Follow the email instructions to set a new password.



The screenshot shows the 'Retrieve Password' form. It has a title 'Retrieve Password' at the top. Below the title are four input fields: '* Email' (with an envelope icon), '* Verification Code' (with a checkmark icon and a 'Send' button), '* Password' (with a lock icon), and '* Repeat Password' (with a lock icon). There is a red error message 'Tap Send to get the verification code.' below the verification code field. At the bottom, there is a large blue 'Submit' button.

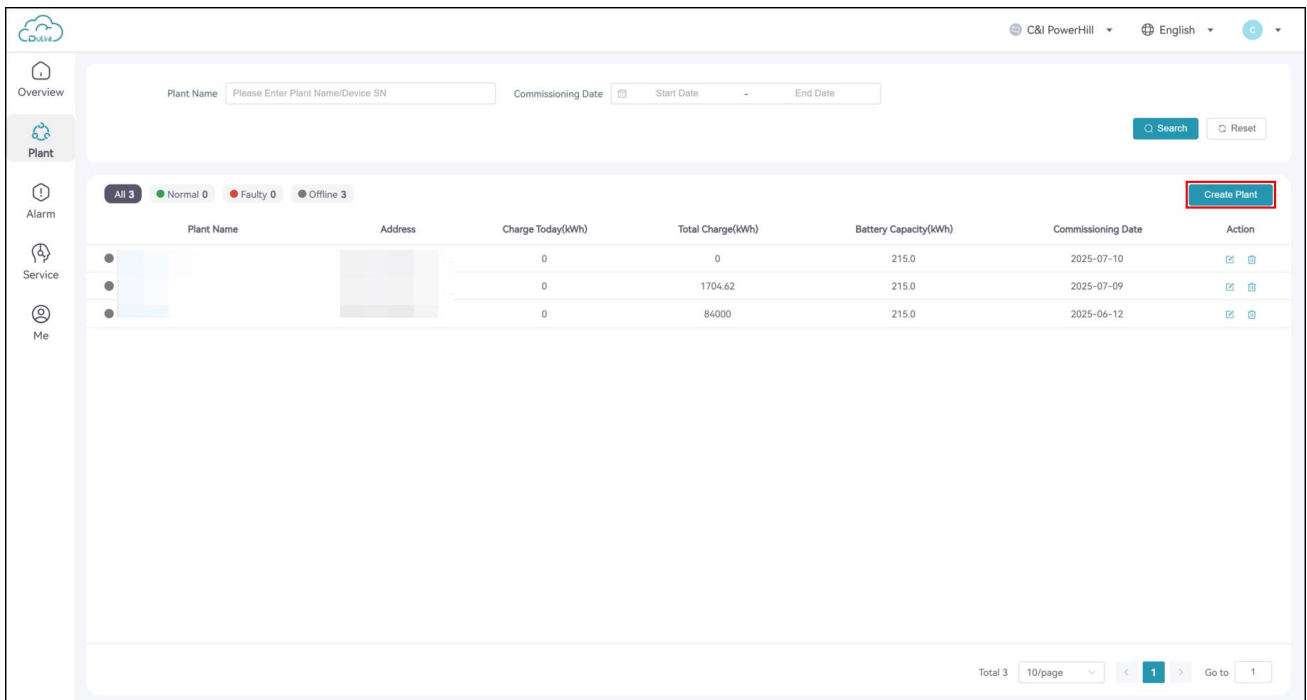
2 Plant Management

On the Plant page, you can create, modify, or delete plants.

2.1 Create Plant

Select the plant type: **C&I Hybrid + Battery/Residential** or **C&I PowerHill**.

Then click **Create Plant** and complete the following steps:



The screenshot shows the Dunext Plant Management interface. The top navigation bar includes the Dunext logo, user information (C&I PowerHill), language (English), and a search icon. The left sidebar contains navigation links: Overview, Plant, Alarm, Service, and Me. The main content area displays a table of plants with columns: Plant Name, Address, Charge Today(kWh), Total Charge(kWh), Battery Capacity(kWh), Commissioning Date, and Action. A 'Create Plant' button is highlighted in red in the top right corner of the table. Below the table, there is a pagination bar showing 'Total 3', '10/page', and a page number '1'.

Plant Name	Address	Charge Today(kWh)	Total Charge(kWh)	Battery Capacity(kWh)	Commissioning Date	Action
		0	0	215.0	2025-07-10	Edit Delete
		0	1704.62	215.0	2025-07-09	Edit Delete
		0	84000	215.0	2025-06-12	Edit Delete

Step 1: Fill in the basic information, including plant category, plant name, detail plant address, plant time zone, PV capacity, currency, etc.

Create Plant

* Plant Category

C&I

The category of the plant being created is a C&I plant. The equipment types supported by this type of plant are as follows: PowerHill

1

Plant Information

2

Add Device

* Plant Name

Please Enter

PV Capacity

Please Enter

kWp

Commissioning Date

2025-06-10

* Plant Location

* Plant Time Zone

Change

* Currency

Please Select

Detail Plant Address

Please Enter

Plant Photo

+

Image maximum 1M, support .jpg, .png, .jpeg, .tiff

Cancel

Next

Step 2: Manually enter the device serial number to add device.

Step 3: Click **Submit** to complete. The new plant will appear in the plant list.

2.2 Modify Plant

Click the **Modify icon** next to the target plant to modify the plant information, including **Plant** (Plant Basic Information), **Device** (Plant Devices), **User** (Plant users), **Tariff** (Plant Tariff), **Plant Number**. For details, see plant Setting.

Overview

Plant

Alarm

Service

Me

Cloud

Du19

C&I PowerHill

English

Plant Name

Please Enter Plant Name/Device SN

Commissioning Date

Start Date - End Date

Search

Reset

All 3

Normal 0

Faulty 0

Offline 3

Create Plant

Plant Name	Address	Charge Today(kWh)	Total Charge(kWh)	Battery Capacity(kWh)	Commissioning Date	Action
		0	0	215.0	2025-07-10	<div> <div></div> <div></div> </div>
		0	1704.62	215.0	2025-07-09	<div> <div></div> <div></div> </div>
		0	84000	215.0	2025-06-12	<div> <div></div> <div></div> </div>

Total 3

10/page

<

1

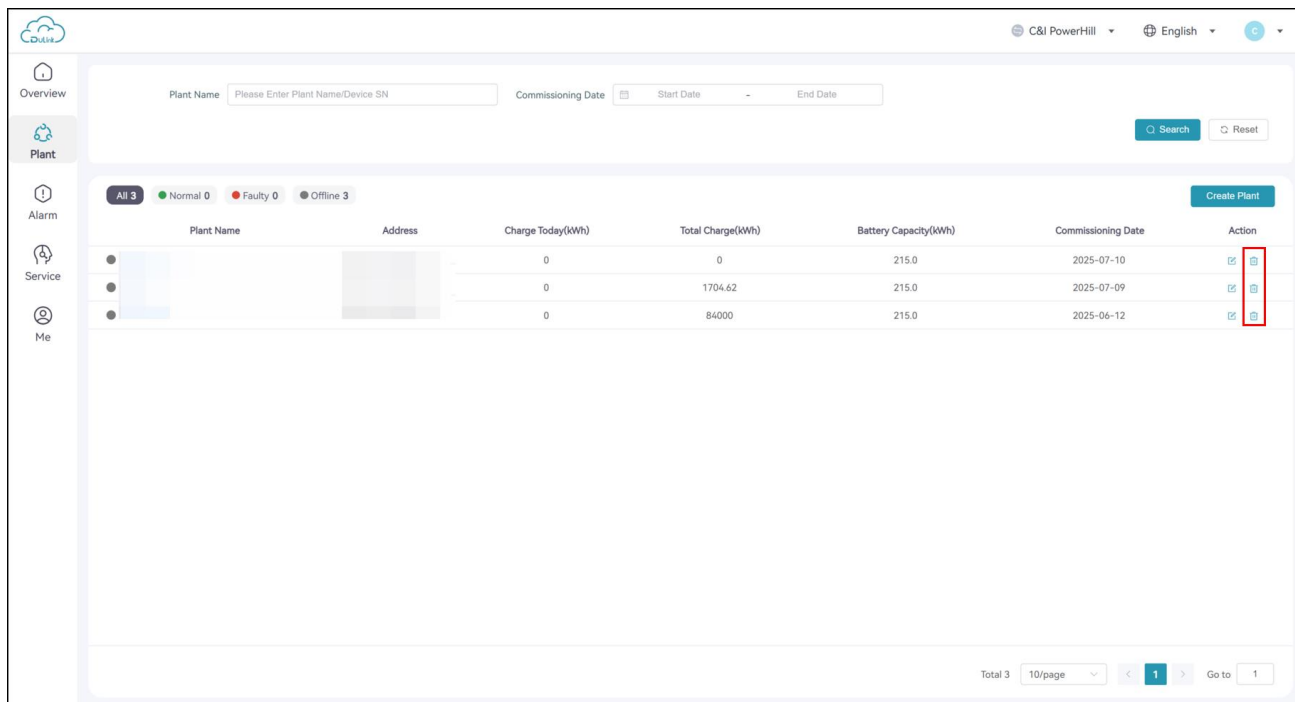
>

Go to

1

2.3 Delete Plant

Click the **Delete** icon next to the target plant to delete a plant.

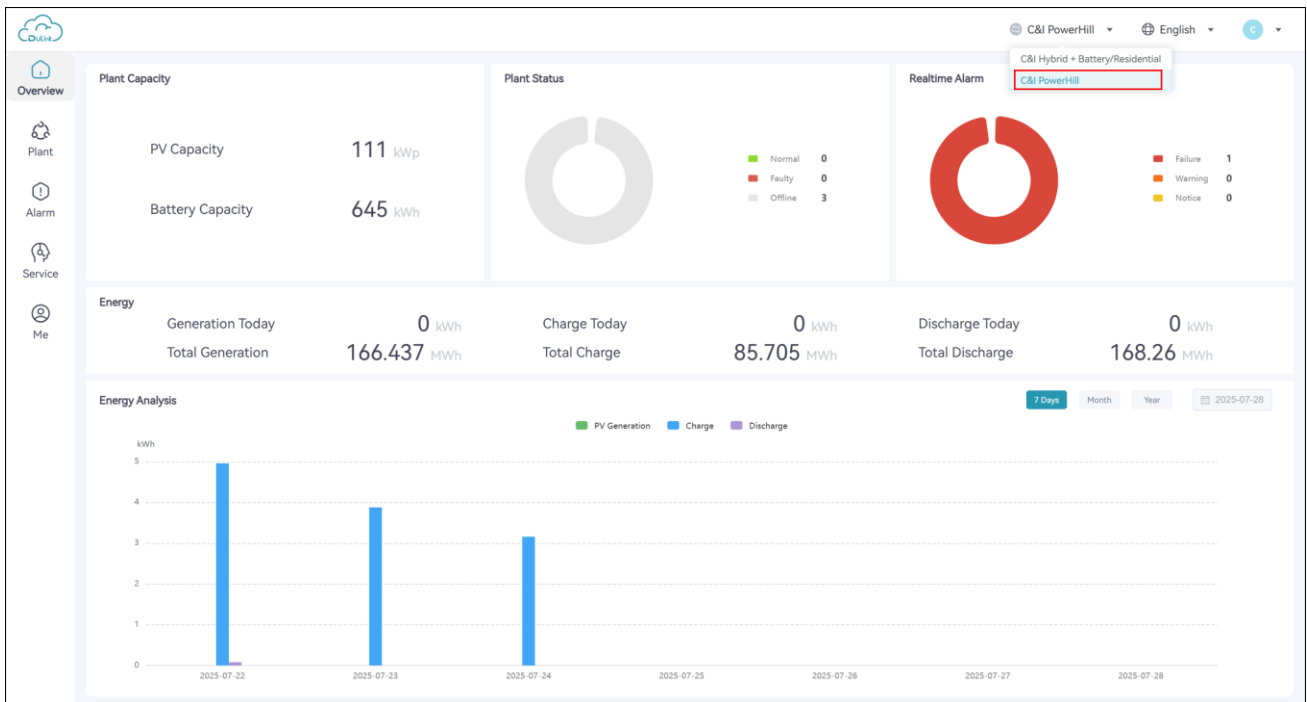


The screenshot displays the Dunext Plant Management interface. On the left is a sidebar with navigation icons for Overview, Plant, Alarm, Service, and Me. The main area shows a search bar for Plant Name and Commissioning Date. Below the search bar are filters for status: All 3, Normal 0, Faulty 0, and Offline 3. A table lists three plants with columns for Plant Name, Address, Charge Today(kWh), Total Charge(kWh), Battery Capacity(kWh), Commissioning Date, and Action. The Action column contains edit and delete icons. The delete icon for the third plant is highlighted with a red box. At the bottom right, there is a pagination bar showing 'Total 3', '10/page', and 'Go to 1'.

Plant Name	Address	Charge Today(kWh)	Total Charge(kWh)	Battery Capacity(kWh)	Commissioning Date	Action
		0	0	215.0	2025-07-10	[Edit] [Delete]
		0	1704.62	215.0	2025-07-09	[Edit] [Delete]
		0	84000	215.0	2025-06-12	[Edit] [Delete]

3 Homepage Overview

At the top of the page, select **C&I PowerHill** to view the overview page displaying all plants under your account.



4 C&I PowerHill Plant

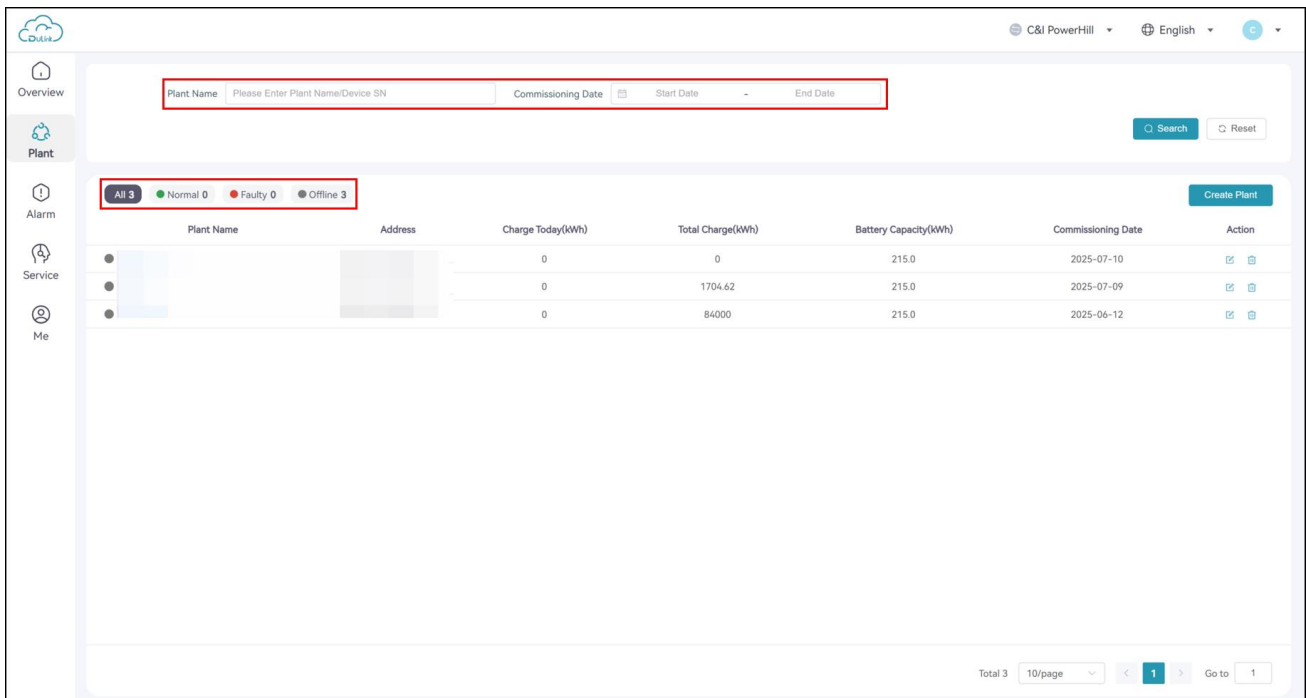
On the plant page, you can filter plants by plant name, device SN and commissioning date.

You can also click Normal/Faulty/Offline button above the plant list to view the corresponding normal/faulty/offline plants.

Normal: All devices are operating properly.

Offline: At least one device is disconnected from DuLink.

Faulty: Abnormality or serious fault occurs to the device, requiring immediate attention

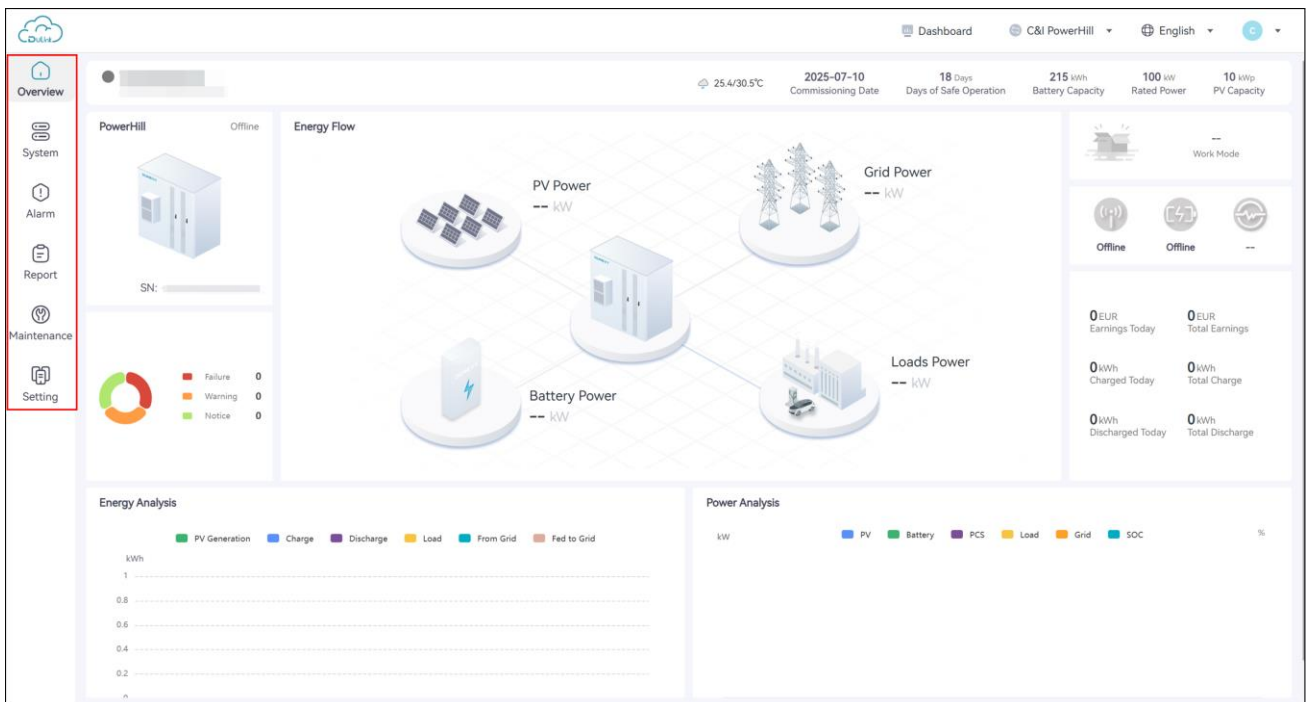


Plant Name	Address	Charge Today(kWh)	Total Charge(kWh)	Battery Capacity(kWh)	Commissioning Date	Action
		0	0	215.0	2025-07-10	Edit Delete
		0	1704.62	215.0	2025-07-09	Edit Delete
		0	84000	215.0	2025-06-12	Edit Delete

4.1 Details of C&I PowerHill Plant

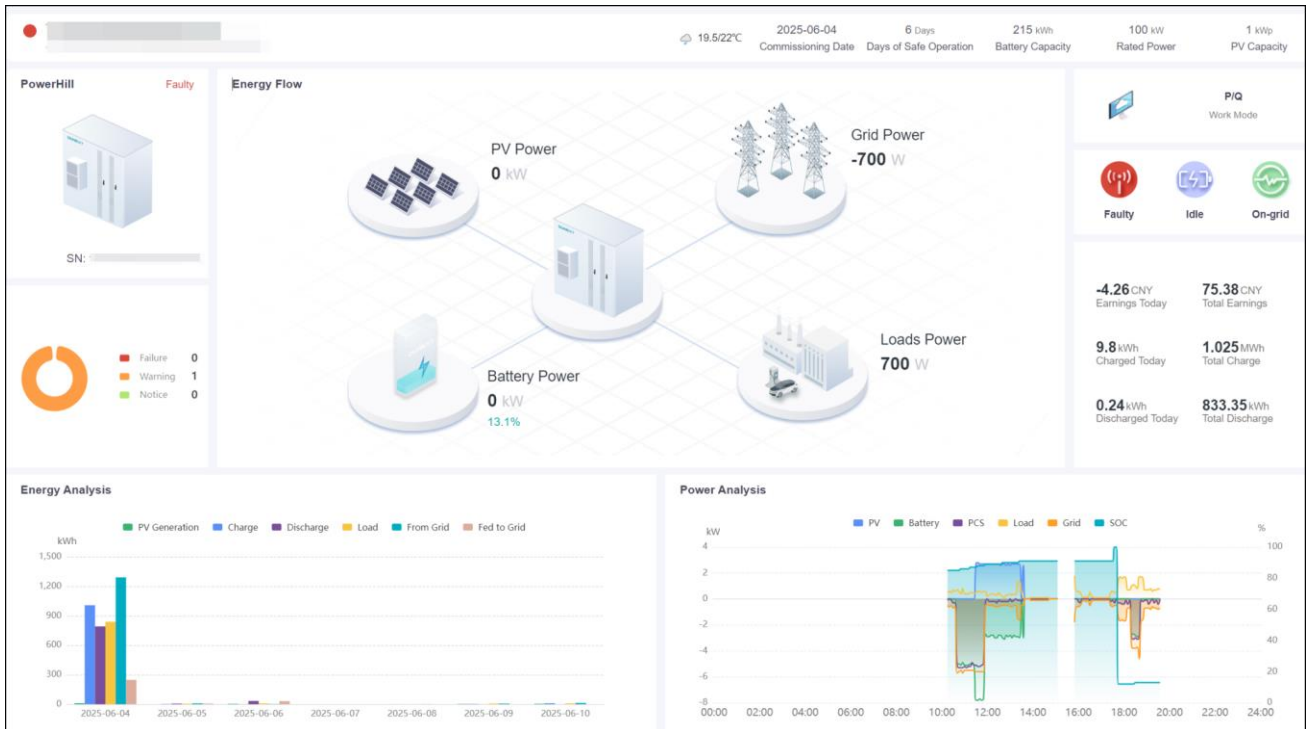
Click any plant name to access detailed information, organized into 6 categories: Overview, System, Alarm, Report, Maintenance, and Settings.

Plant Name	Address	Charge Today(kWh)	Total Charge(kWh)	Battery Capacity(kWh)	Commissioning Date	Action
		0	0	215.0	2025-07-10	Edit Delete
		0	1704.62	215.0	2025-07-09	Edit Delete
		0	84000	215.0	2025-06-12	Edit Delete



4.1.1 Overview

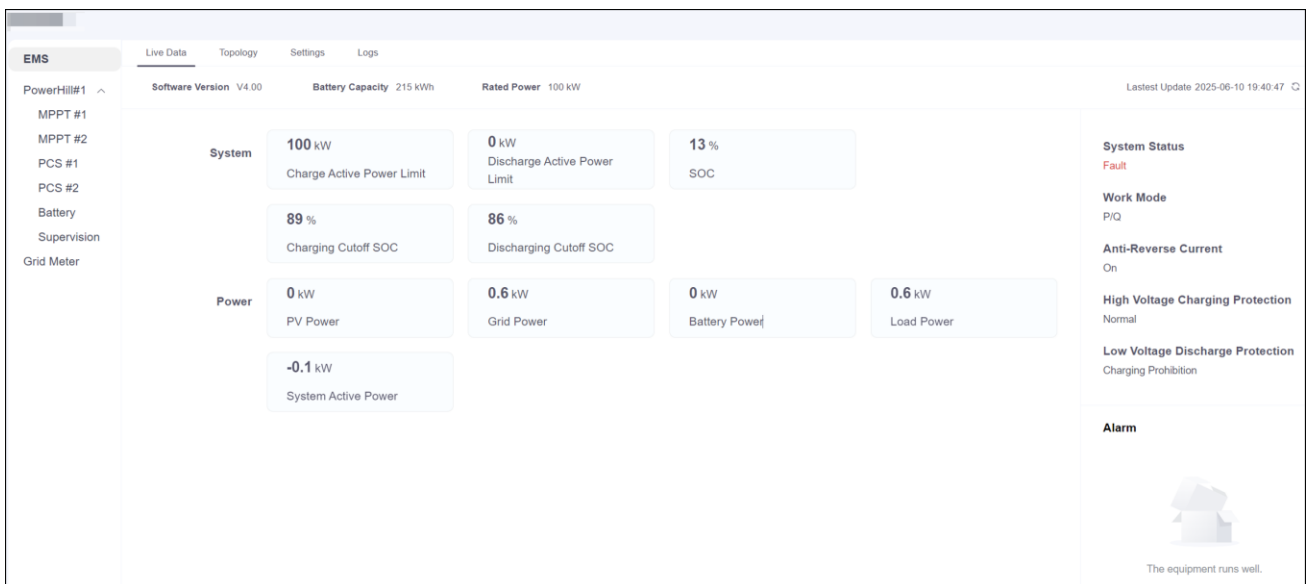
It displays key performance metrics and operational data for quick plant assessment.



4.1.2 System

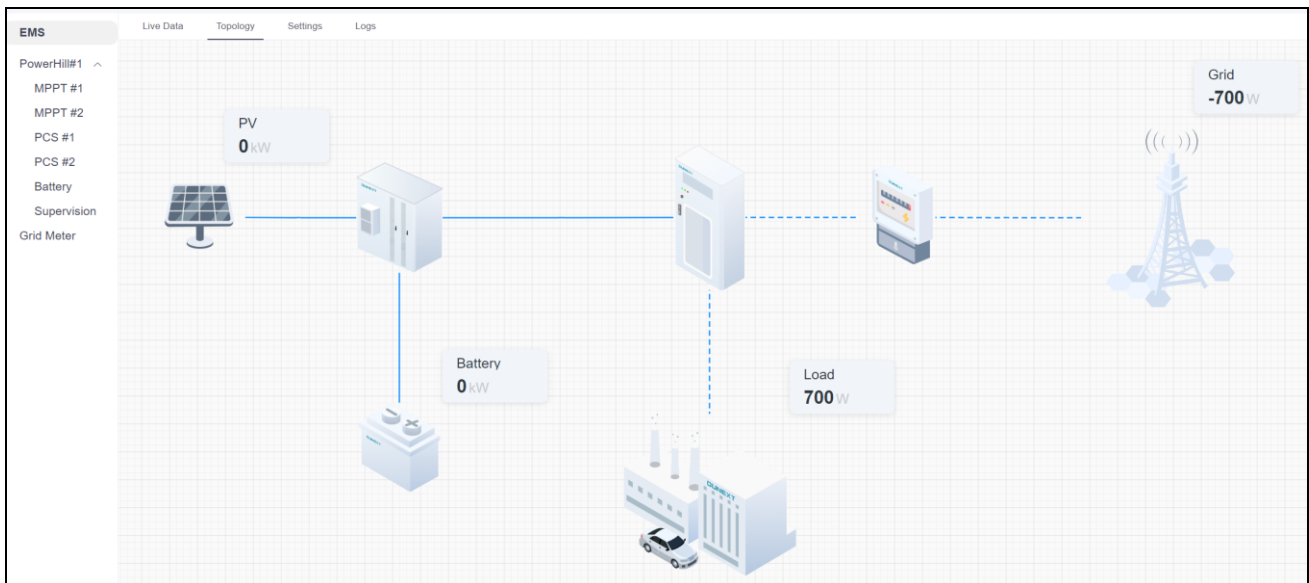
Live Data

It provides a comprehensive of the entire plant. To view specific device information, simply select the desired device from the list panel on the left. Additionally, the right panel allows you to view device status, real-time data, and alarm information.



Topology

It displays the equipment topology information of the plant.



Settings

You can remotely set parameters for the plant here, including: Start/Stop, Grid Import Power, Grid Export Power, SOC Limits, Work Mode, etc.

Logs

It displays the complete history of all remote configuration changes.

Live Data Topology Settings Logs						
Operation Time: 2025-06-10 00:00 - 2025-06-10 23:59		Item: Please Select		Search		
Operation Time	Operator	Item	Original Value	New Value	Detail	Result
2025-06-10 19:45:42		Clear all warnings	1	1	--	Success
2025-06-10 19:13:02		Discharge Active Power	Charge 0.0kW	Discharge 6.0kW	--	Success
2025-06-10 19:13:01		Work Mode	P/Q	P/Q	--	Success
2025-06-10 19:12:52		Charge Active Power	Charge 0.0kW	Charge -6.0kW	--	Success
2025-06-10 19:12:52		Work Mode	P/Q	P/Q	--	Success
2025-06-10 19:12:10		Clear all warnings	1	1	--	Success
2025-06-10 18:58:43		Clear all warnings	1	1	--	Success
2025-06-10 18:56:37		Clear all warnings	1	1	--	Success
2025-06-10 18:46:45		Discharge Active Power	Discharge 3.0kW	Discharge 6.0kW	--	Success
2025-06-10 18:46:44		Work Mode	Backup Use	P/Q	--	Success

4.1.3 Alarm

This page displays all alarms, including active alarms and history alarms.

You can filter alarms by alarm name, alarm ID and occurrence time.

You can also click Failure/Warning/Notice button above the alarm list to view the corresponding alarms.

The alarm information helps locate and solve problems quickly.

4.1.4 Report

It displays the plant reports, including **Electricity Statistics**, **Revenue Statistic**, and **History Data**.

The Electricity Statistics report provides comprehensive data on PV generation, battery charge/discharge capacity, load consumption, purchased power, and feed-in power, available in daily, monthly, and annual views.

The Revenue Statistics report displays plant revenue figures across daily, monthly, and annual timeframes.

The Historical Data report enables you to query and export detailed device information.

4.1.5 Maintenance

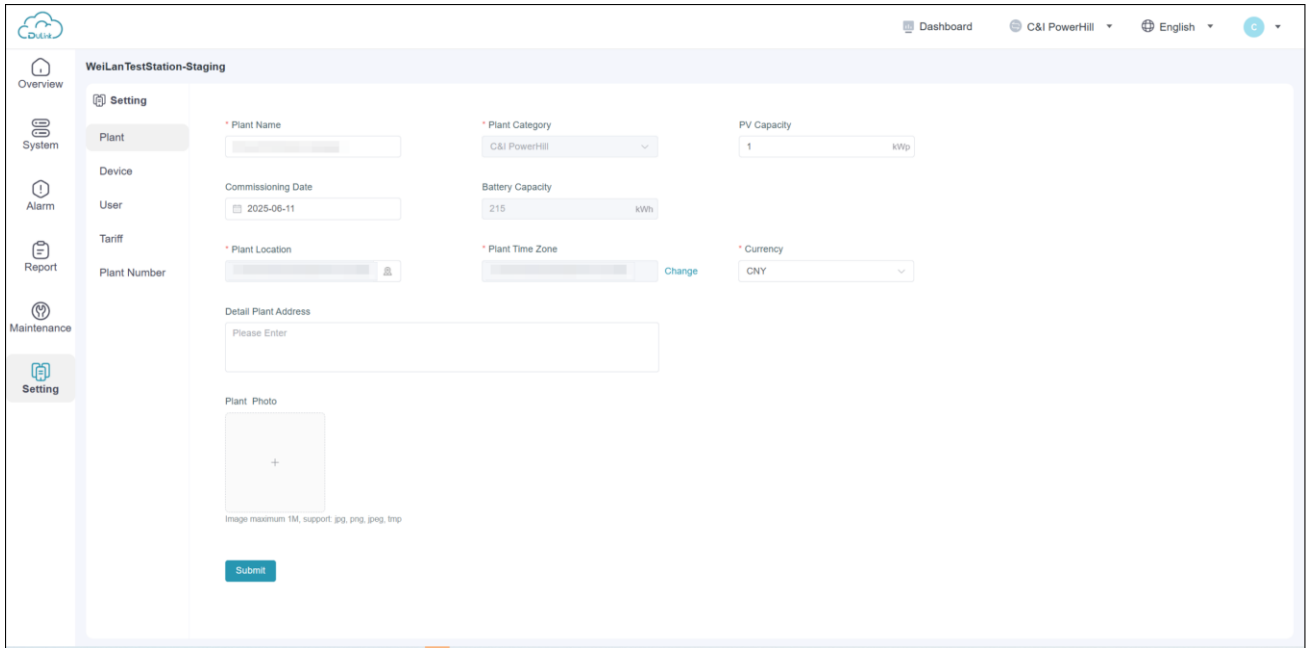
It displays the **Equipment Manual** and **Data Analysis**.

The Data Analysis enables graphical performance comparisons and analytical assessments of operational indicators across individual or multiple devices to support effective plant maintenance.



4.1.6 Setting

It provides plant management through 5 categories on the left panel: Plant, Device, User, Tariff, Plant Number.



The screenshot displays the 'WeiLanTestStation-Staging' settings interface. On the left, a sidebar contains navigation links: Overview, System, Alarm, Report, Maintenance, and Setting (which is currently selected). The main content area is titled 'WeiLanTestStation-Staging' and features a 'Setting' tab. Below this tab, there are several sections for configuration:

- Plant:** Includes fields for Plant Name, Plant Category (a dropdown menu showing 'C&I PowerHill'), and PV Capacity (a numeric field set to '1' with 'kWp' as the unit).
- Device:** Includes a Commissioning Date field (set to '2025-06-11') and a Battery Capacity field (set to '215' with 'kWh' as the unit).
- User:** Includes a Plant Location field (with a location icon) and a Plant Time Zone field (with a 'Change' button next to it).
- Tariff:** Includes a Currency dropdown menu (set to 'CNY').
- Plant Number:** A field for entering the plant number.
- Detail Plant Address:** A text area for entering the address, with a placeholder 'Please Enter'.
- Plant Photo:** A section for uploading a plant photo, featuring a plus icon and a note: 'Image maximum 1M, support .jpg, .png, .jpeg, .tup'.

A 'Submit' button is located at the bottom of the form.

Plant

It allows you to edit the basic information of the plant.

Device

It allows you to create/delete/modify the devices of the plant.

User

It enables you to manage the end user information of the plant.

Tariff

It enables you to set the feed-in tariff and purchase price.

Plant Number

The plant number can be edited to ensure synchronization with the EMS system



Innovate for a Green Future

Dunext Technology Suzhou Co., Ltd.

✉ service@dunext.com

🌐 www.dunext.com