



USER MANUAL

S-Miles Cloud (App)

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1 About This Manual

1.1 Purpose

This manual provides an overview and operation steps for using the S-Miles Cloud Installer App. It aims to help you understand and use the platform effectively.

The platform is referred to as **S-Miles Cloud** or **App** hereinafter unless otherwise specified.

1.2 Audience

This manual is intended for use by **distributors** and **installers**.

1.3 Validity

This manual is applicable to the **microinverter** and **Data Transfer Unit (DTU)**.

1.4 Symbol

 **NOTE** This symbol indicates additional information to emphasize or supplement important points of the main text.

1.5 Revision History

The following are the key changes between this version and the previous version.

Version	Date	Description
V2.0	2024-08	<ul style="list-style-type: none">Added detailed operation steps.Added appendix for the structure and permissions of S-Miles Cloud roles. For details, refer to Appendix: Role Introduction.
-	2021-05	First Release

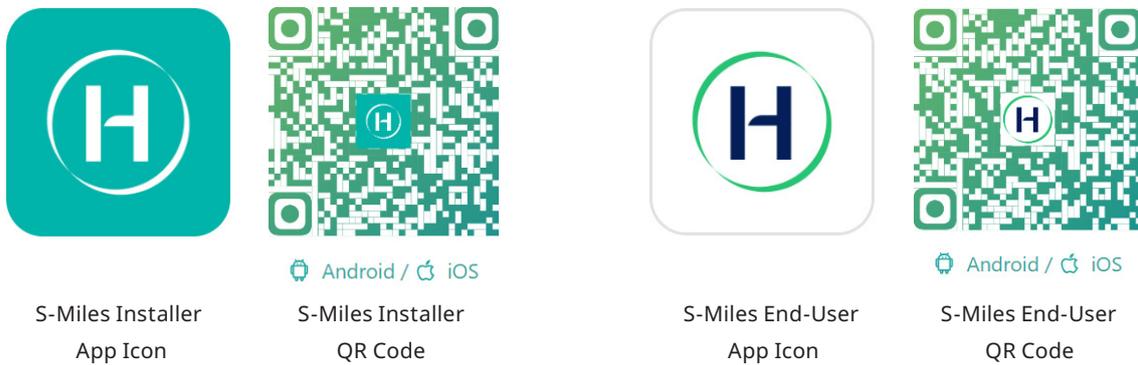
2 Product Information

2.1 S-Miles Cloud Introduction

S-Miles Cloud is a smart platform for monitoring and managing your PV systems. It offers functions such as device performance tracking, visual layout, remote parameter settings, alarm information, power yield, and revenue analysis. The platform also ensures remote operation and maintenance (O&M), optimizing overall efficiency.

S-Miles Cloud is available on both mobile application and web page views, and it offers two versions for mobile users: Installer and Owner. The Installer version caters to installers and distributors, providing functions tailored to their needs. And the Owner version is designed for end-users, prioritizing user-friendliness and simplicity.

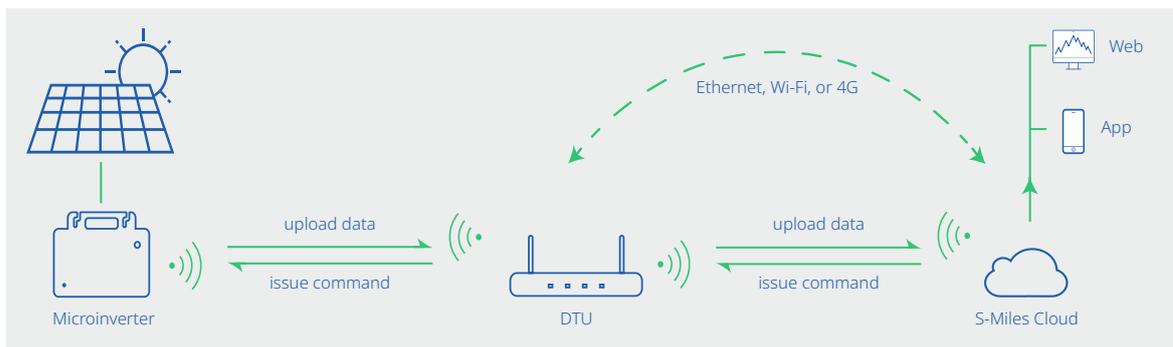
This manual focuses on using the S-Miles Cloud on application views. For operations on web page, refer to [User Manual_S-Miles Cloud \(Web\)_Global_EN_V202408](#).



2.2 System Composition

A typical Hoymiles microinverter system comprises three main components: microinverters, DTU, and S-Miles Cloud.

The microinverter converts DC power to AC Power and transmits performance data to the DTU. The DTU then transmits these data to S-Miles Cloud. Finally, the S-Miles Cloud allows you to monitor your system's performance online and provides diagnostic tools for effective system management.



2.3 Recommended Running Environment

For iOS: iOS 14.0 and later.

For Android: Android 10.0 and later.

3 Login

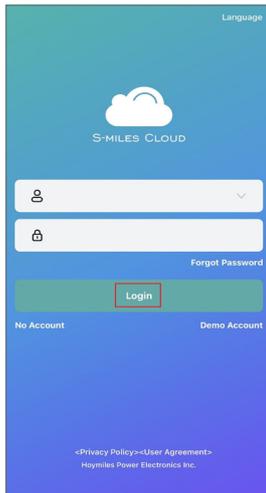
3.1 First Time Login

Before You Start

- Get your account information. For details, refer to [Get an Account](#).
- Download the latest version of the App from iOS or Android App store.

Steps

1. On the login screen, enter your account name and password.
2. Tap **Login**.

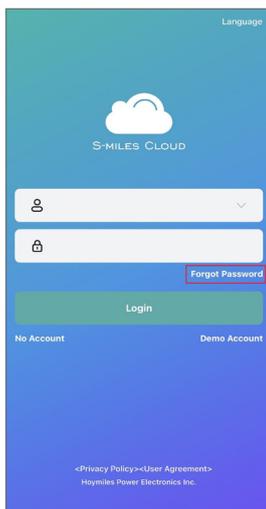


3.2 Forgot Password

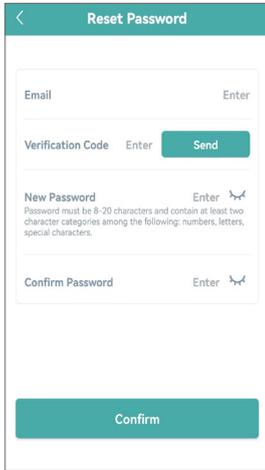
If you forgot your password, you can reset it during login.

Steps

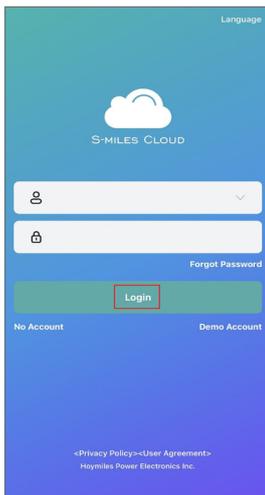
1. On the login screen, tap **Forgot Password**.



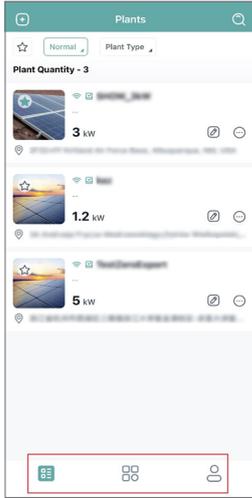
2. On the Reset Password screen, enter the following information.
 - A. Enter the email address and tap **Send**.
 - B. Enter the verification code sent to your email address.
 - C. Enter a new password and confirm it.



3. Return to the login screen, enter the new password and tap **Login**.



4 Screen Overview



Icon	Name	Description												
	Plants	<p>This screen lists all plants you have the permission to view and manage O&M.</p> <table border="1"> <thead> <tr> <th>Icon</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td></td> <td>Tap this icon to create a plant. For details, refer to Create a Plant.</td> </tr> <tr> <td></td> <td>Tap this icon to search for a target plant by the plant name.</td> </tr> <tr> <td></td> <td>Tap this icon to mark a plant as your favorite for quick access. For details, refer to Favorite a Plant.</td> </tr> <tr> <td></td> <td>Tap this icon to enter the Edit Plant screen. On this screen, you can perform the following operations when needed. <ul style="list-style-type: none"> Edit Plant: For details, refer to Edit a Plant. Configure Plant Settings: For details, refer to Set a Plant. </td> </tr> <tr> <td></td> <td>Tap this icon and then tap Networking to synchronize the operations on the S-Miles Cloud to the devices.</td> </tr> </tbody> </table>	Icon	Description		Tap this icon to create a plant. For details, refer to Create a Plant .		Tap this icon to search for a target plant by the plant name.		Tap this icon to mark a plant as your favorite for quick access. For details, refer to Favorite a Plant .		Tap this icon to enter the Edit Plant screen. On this screen, you can perform the following operations when needed. <ul style="list-style-type: none"> Edit Plant: For details, refer to Edit a Plant. Configure Plant Settings: For details, refer to Set a Plant. 		Tap this icon and then tap Networking to synchronize the operations on the S-Miles Cloud to the devices.
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	Tap this icon and then tap Networking to synchronize the operations on the S-Miles Cloud to the devices.													
	O&M	<p>This screen provides two sections.</p> <ul style="list-style-type: none"> In the Power Generation section, you can view the aggregate energy data of all plants, such as capacity, energy. In the Tools section, you can tap the following icons to perform operations according to the actual scenario. <table border="1"> <thead> <tr> <th>Icon</th> <th>Name</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td></td> <td>Alarm</td> <td>Tap this icon to view all plants' alarms. For details, refer to View Alarms.</td> </tr> <tr> <td></td> <td>Network Config</td> <td>Tap this icon to set DTU Network. For details, refer to Set DTU Network.</td> </tr> <tr> <td></td> <td>Toolkit</td> <td>Tap this icon to configure device connection. For details, refer to Set Device Connection.</td> </tr> </tbody> </table>	Icon	Name	Description		Alarm	Tap this icon to view all plants' alarms. For details, refer to View Alarms .		Network Config	Tap this icon to set DTU Network. For details, refer to Set DTU Network .		Toolkit	Tap this icon to configure device connection. For details, refer to Set Device Connection .
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	Toolkit	Tap this icon to configure device connection. For details, refer to Set Device Connection .												
	Me	On this screen, you can switch account, change password, switch language, view App version, etc.												

5 Account Management

5.1 Get an Account

You can get an account according to your role.

NOTE

For your role structure and permission within the system, refer to [Appendix: Role Introduction](#).

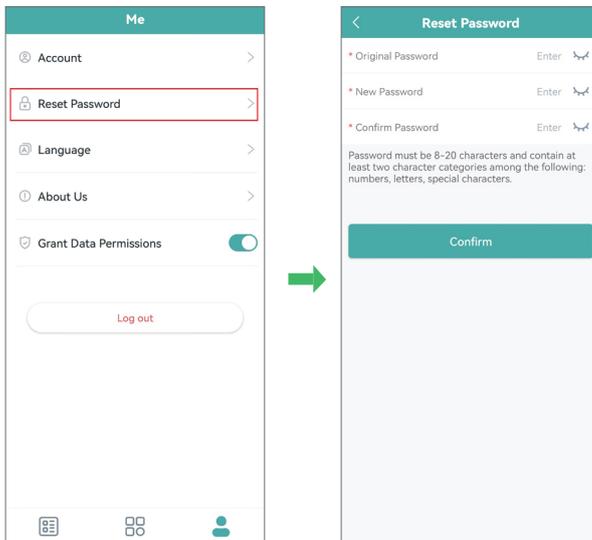
- **New Distributors (including dealers):** Email service@hoymiles.com. Hoymiles Technical Service Center will create an account for you.
- **New Installers:** Contact your distributor to create an account.
- **Existing Installers/Distributors:** Create sub-accounts and plants under your existing account.

5.2 Change Password

You can reset your password when needed.

Steps

1. Tap  to enter the Me screen.
2. Tap **Reset Password**.
3. Enter the original password and new password.
4. Enter the new password again.
5. Tap **Confirm**.



5.3 Change Email

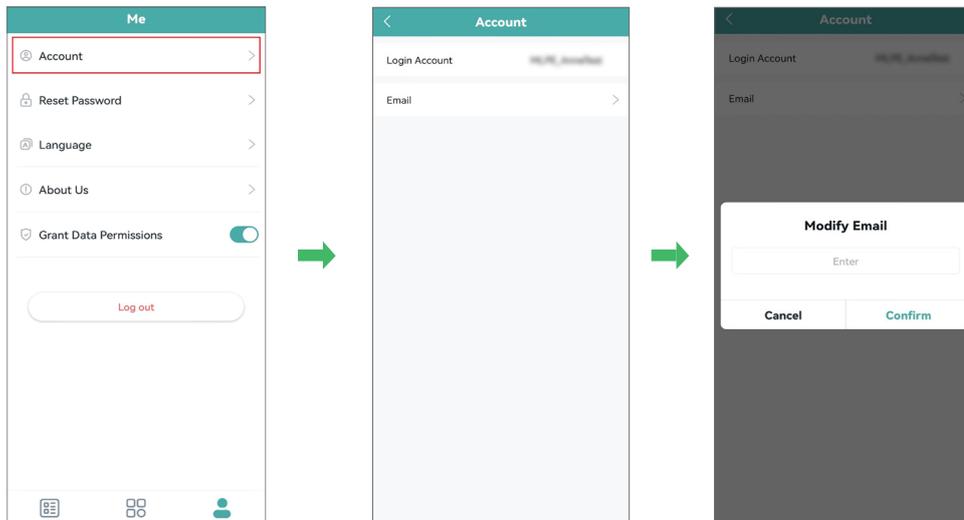
You can change the email linked to your account.

NOTE

The changed email will be used when you forgot the login password. For details, refer to [Forgot Password](#).

Steps

1. Tap  to enter the Me screen.
2. Tap **Account > Email**.
3. Enter a new email.
4. Tap **Confirm**.



6 Plant Management

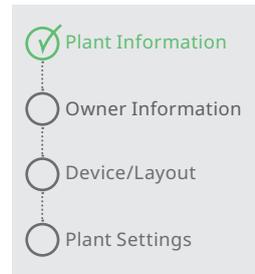
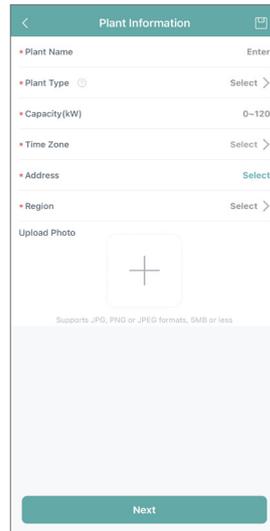
6.1 Manage a Plant

6.1.1 Create a Plant

You can create a plant by four main steps: complete the basic information of plant, add owner information, add device/layout, and configure plant settings.

Steps

1. On the Plants screen, tap . Complete the plant's basic information and tap **Next**.



Plant Name

Enter the plant name.

NOTE

Please avoid duplicate plant names.

Plant Type

Select the plant type according to the actual scenario.

- Residential Plant (Single Array): The installed capacity is up to 120 kW. A layout of up to 600 PV modules is supported.
- Commercial Plant (Single Array): The installed capacity is up to 200 kW. A layout of up to 1,000 PV modules is supported.
- Large Commercial Plant (Multiple Arrays): A layout of up to 6,000 PV modules is supported.

NOTE

The plant type cannot be modified after creation.

Capacity

Set the plant capacity according to the actual scenario.

Address

Set the address, time zone, country, and region of your plant.

NOTE

The wrong time zone will affect the display of your daily power generation.

Plant Cover (Optional)

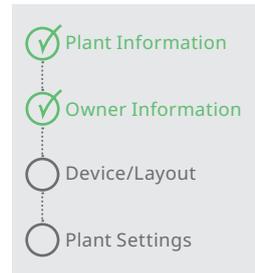
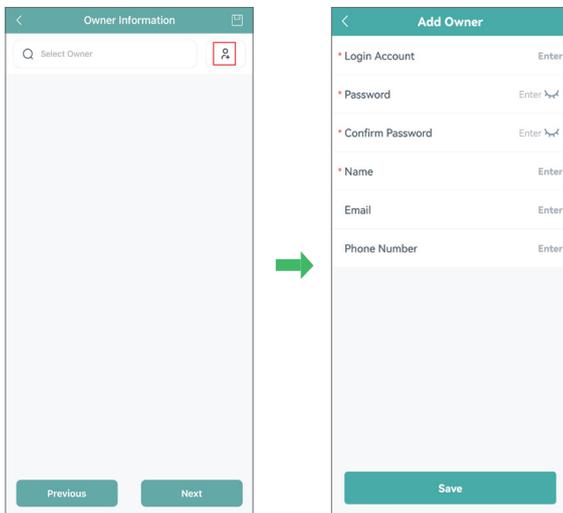
You can upload a picture to set it as the plant cover.

NOTE

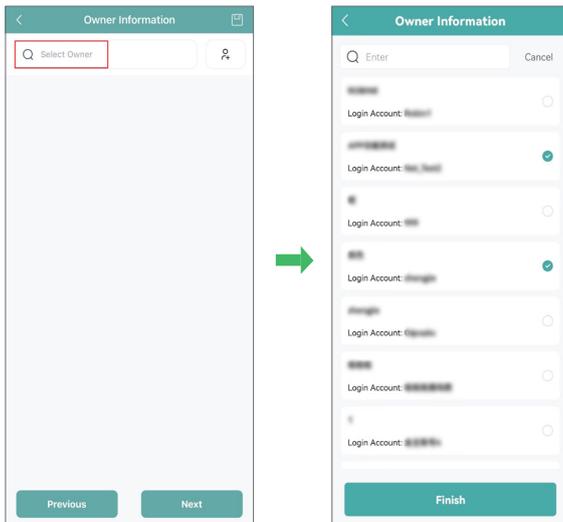
- Supported format: JPG, JPEG, PNG, GIF.
- Supported file size: No more than 5 MB.

2. Add owner information by either of the following two methods.

- Add a new owner: Tap  to enter the information of the new owner, and then tap **Save**.



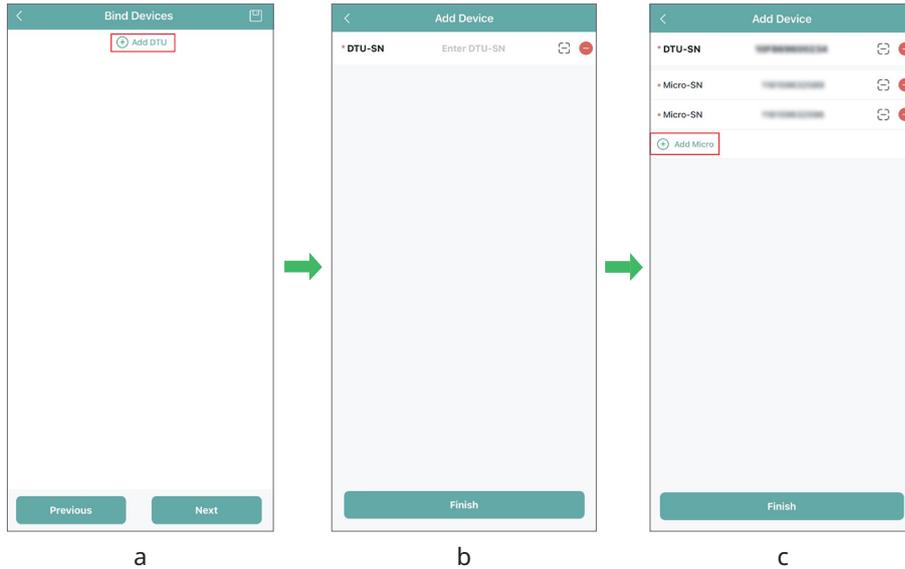
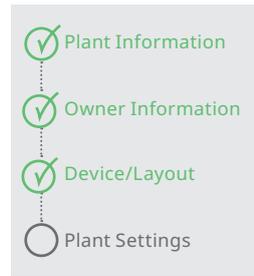
- Select an existing owner: Tap **Select Owner** in the search box to select the target owner, and then tap **Finish**.



3. Add device and layout, and then tap **Next**.

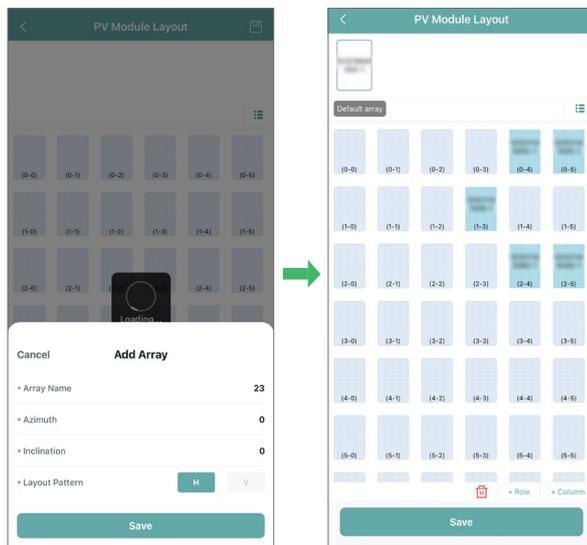
A. Add device.

- a. On the Bind Devices screen, tap **Add DTU**, and then enter DTU serial number (SN) or tap  to scan the DTU SN.
- b. Tap **Add Micro** and enter microinverter SN, or tap  to scan the microinverter SN.
- c. Tap **Finish > Next**.



B. Add layout.

Enter the PV array information and then tap **Save**. PV modules will be automatically laid out.

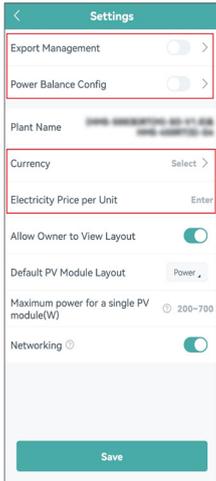


NOTE

On the PV Module Layout screen you can perform the following operations according to the actual installation.

- Long press a PV module and tap **Confirm** to delete it.
- Tap  to edit the PV array information.
- Tap  to add a row of the PV module layout.
- Tap  to add a column of the PV module layout.
- Tap  to delete all PV modules.

4. Configure the plant settings and tap **Save**.



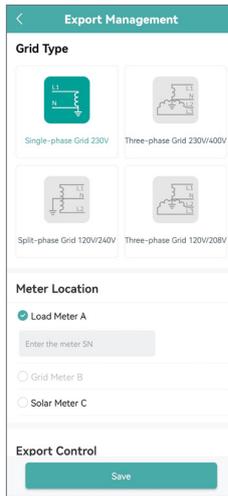
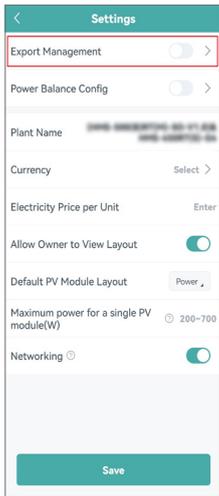
NOTE
Supported by DTU-Pro and DTU-Pro-S.

Plant Revenue



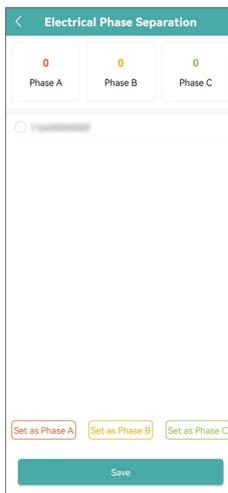
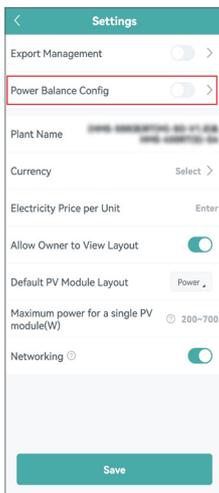
Export Management

Enable this function, and then select the grid type > set the meter location > set the export power limit.



Power Balance Configuration

Enable this function, and then tap a microinverter to assign it as phase A, B, or C.



Plant Revenue

Select a currency type and enter the electricity price per unit.

Allow Owner to View Layout

Enable this function to allow owners to view the PV module layout.

Default PV Module Layout

- Select **Power** to view the layout with power data.
- Select **Energy** to view the layout with energy data.

NOTE

To view PV module layout, refer to [View Layout Design](#).

Maximum power for a single PV module (W)

Enter the maximum power (range: 200 W to 700 W) for PV module calculation.

Networking

Enable **Networking** to synchronize the operations on the S-Miles Cloud to the devices.

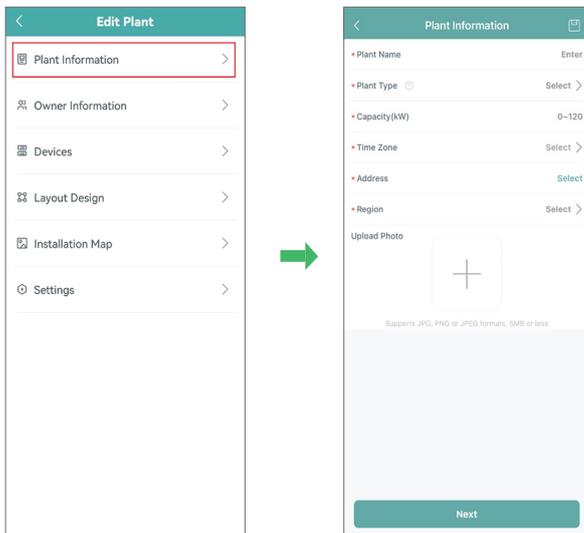
5. Tap **Finish** to finish the plant creation.

6.1.2 Edit a Plant

You can edit the existing plant information.

Steps

1. Tap  to enter the Plants screen.
2. Select a plant and tap  to enter the Edit Plant screen.
3. Tap **Plant Information**.
4. Edit the basic information of your plant.
5. Tap **Save**.



6.1.3 Favorite a Plant

You can mark a plant as favorite for quick access when you are looking for it next time.

Steps

1. On the Plants screen, select a plant and tap  on the plant cover.
2. (Optional) Tap  in the top-left corner to view the list of plants marked favorite.

6.2 View a Plant

6.2.1 Plant Overview

After creating a plant, you can enter the plant screen to navigate through the four buttons at the bottom to view key data on different screens.

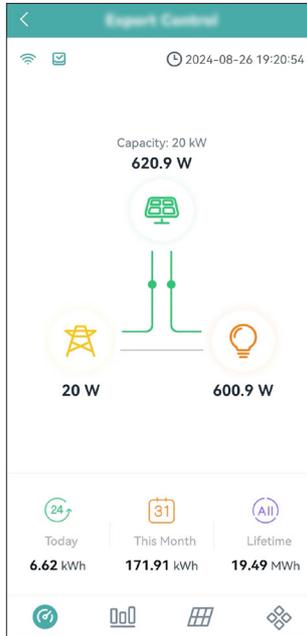


Fig (a) - The Plant with Grid Meter

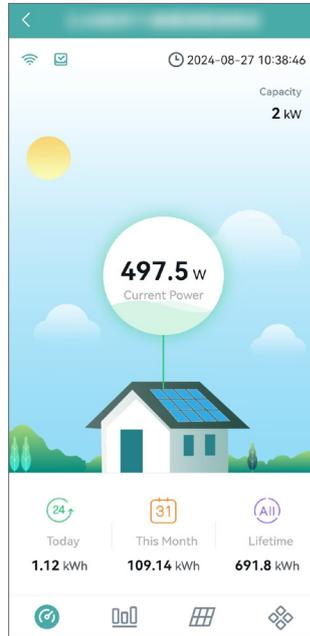


Fig (b) - The Plant without Grid Meter

Icon	Description
	Displays the plant data, including the capacity and power of the plant. For details, refer to View Plant Data .
	Displays the graph of the plant-level generation data. Displays Production & Consumption of a plant. For details, refer to View Plant Data .
	Displays PV module layout of a plant. For details, refer to View Plant Layout .
	<p>You can configure the following settings when needed.</p> <ul style="list-style-type: none"> Tap Plant Details to view plant details, such as plant ID, name, type, and capacity. NOTE If you want to edit the plant information, refer to Edit a Plant. Tap Device List to view the device details and perform device operation & maintenance. For editing devices, refer to Edit a Device. For device operation and maintenance, refer to Operation and Maintenance. Tap Power Adjustment to set the power adjustment method. For details, refer to Set Power Adjustment Method. Tap Plant Revenue to view the revenue generated by the current plant today, this month, and during the plant lifetime. If you want to set the plant revenue calculation, refer to Set Plant Regulation.

6.2.2 View Plant Data

You can view detailed power production data of each PV module, including current power, power production, and consumption data. This information empowers you to make data-driven decisions, optimize plant performance, and gain valuable insights into the operation of your power system.

Steps

1. Tap  to enter the Plants screen.
2. Tap the plant name in the plant list.
3. Tap the icons at the bottom of the screen to view plant data.

Icon	Section	Description							
	Plant Overview / Current Power	<p>Plant Overview</p> <p>Displayed for the plant with meter located on the grid side. (See Fig (a).)</p> <p>Displays the real-time data of PV output, loads, and grid.</p> <p> NOTE The data is updated every 15 minutes.</p>							
		<p>Current Power</p> <p>Displayed for the plant without meter or when no meter is located on the grid side. (See Fig (b).)</p> <p>Displays the real-time output power of PV plants.</p>							
		<p>Energy Today</p> <p>Displays the microinverter’s output power generated on the current day.</p>							
		<p>Energy This Month</p> <p>Displays the total microinverter output power generated in the current month.</p>							
	Production & Consumption	<p>Lifetime Energy</p> <p>Displays the cumulative power generation since the plant’s creation.</p>							
		<p>Displays the historical data of the plant’s AC-side power levels by day, week, month, year, or by total in a graph.</p> <ul style="list-style-type: none"> • How to Read the Graph <table border="1"> <tbody> <tr> <td></td> <td>Production</td> <td>Green line indicates the power generated by microinverters of a plant.</td> </tr> <tr> <td></td> <td>Consumption</td> <td>Red line indicates the power consumed by loads.</td> </tr> <tr> <td></td> <td>From Grid / To Grid</td> <td> <ul style="list-style-type: none"> • Yellow line above the zero line indicates the power imported from the electrical grid. • Yellow line below the zero line indicates the power exported to the electrical grid. </td> </tr> </tbody> </table>		Production	Green line indicates the power generated by microinverters of a plant.		Consumption	Red line indicates the power consumed by loads.	
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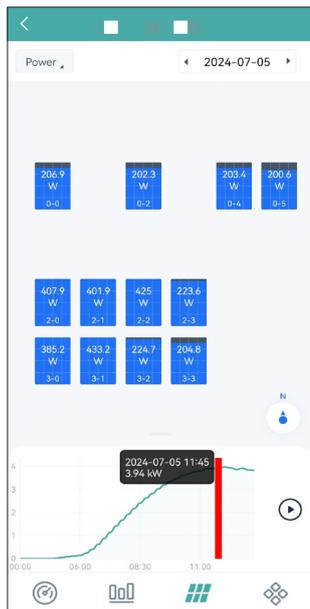
	<p>Production & Consumption</p>	<ul style="list-style-type: none"> Overall Graph Line Calculation If you have enabled Export Management and installed Grid Meter B (For detailed operations, refer to Enable Export Management.), the graph line follows the formula according to the actual scenario. <table border="1" data-bbox="767 405 1396 840"> <thead> <tr> <th data-bbox="767 405 1046 472">Scenario</th> <th data-bbox="1046 405 1396 472">Formula</th> </tr> </thead> <tbody> <tr> <td data-bbox="767 472 1046 656"> The power generated by the solar system and purchased from the electrical grid are consumed by loads. </td> <td data-bbox="1046 472 1396 656"> $Consumption = Production + From\ Grid$ </td> </tr> <tr> <td data-bbox="767 656 1046 840"> The power generated by the solar system is consumed by loads and sold to the electrical grid. </td> <td data-bbox="1046 656 1396 840"> $Consumption = Production - To\ Grid$ </td> </tr> </tbody> </table>	Scenario	Formula	The power generated by the solar system and purchased from the electrical grid are consumed by loads.	$Consumption = Production + From\ Grid$	The power generated by the solar system is consumed by loads and sold to the electrical grid.	$Consumption = Production - To\ Grid$
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The power generated by the solar system is consumed by loads and sold to the electrical grid.	$Consumption = Production - To\ Grid$							

6.2.3 View Plant Layout

You can view visualized PV module layouts with power data to monitor performance.

Steps

1. Tap  to enter the Plants screen.
2. Tap a plant name in the plant list.
3. Tap  at the bottom of the screen.
4. Tap **Power** or **Energy** in the top-left corner, and set the time.
 - **View Plant Layout by Power:** Select **Power** to view the layout with power data by day or week. Tap  to view the plant power production over various time points.
 - **View Plant Layout by Energy:** Select **Energy** to view the layout with energy data by day, month, year, or by total.



Plant Layout by Power



Plant Layout by Energy

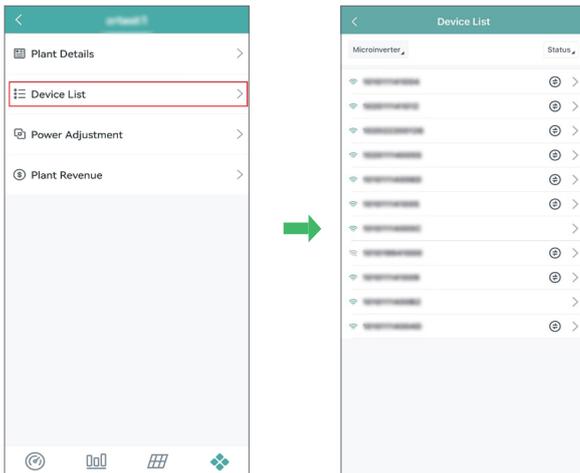
5. (Optional) Tap each PV module to view its details.

6.2.4 View Plant Devices

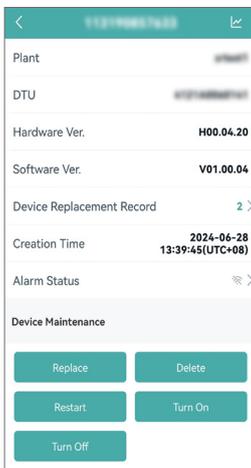
You can view details of all devices in a plant, including DTUs, microinverters, and meters.

Steps

1. Tap  to enter the Plants screen.
2. Tap a plant name in the plant list.
3. Tap  at the bottom of the screen.
4. Tap **Device List**. All devices are displayed on the Device List screen.



5. (Optional) In the top-left corner, select **DTU**, **Microinverter**, or **Meter**.
6. (Optional) In the top-right corner, select status to filter the target device.
7. Tap a device to view the device details.



What to do next

You can perform device maintenance, including adding, replacing, deleting, or restarting the device. For detailed operations, refer to [Manage a Device](#).

6.3 Set a Plant

After creating a plant, you can configure the plant settings, including plant regulation, export management, and power balance.

6.3.1 Add or Delete an Owner

You can add a new owner, or remove the existing owner from your plant.

NOTE

You can edit the existing owner on S-Miles Cloud web page. For details, refer to [S-Miles Cloud User Manual \(Web\) Global EN V202408](#).

Steps

1. Tap  to enter the Plants screen.
2. Tap  to enter the Edit Plant screen.
3. Tap **Owner Information**.
4. Perform the following operations when needed.

Add Owner	Tap Select Owner to select an existing owner or Tap  to add a new owner.
Remove Owner	Tap  to remove the current owner from the plant.

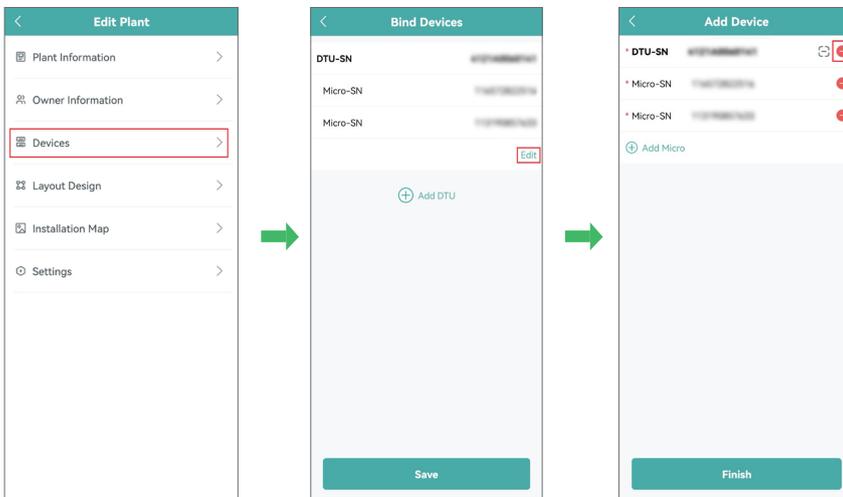
5. Tap **Save**.

6.3.2 Edit a Device

You can edit the existing device SN. In addition, you can remove a device from a plant, and add a single device or multiple devices in a batch.

Steps

1. Tap  to enter the Plants screen.
2. Tap  to enter the Edit Plant screen.
3. Tap **Devices**.
4. Tap **Edit** to edit the DTU SN.
5. (Optional) Tap  on the right side to remove the device from the plant.



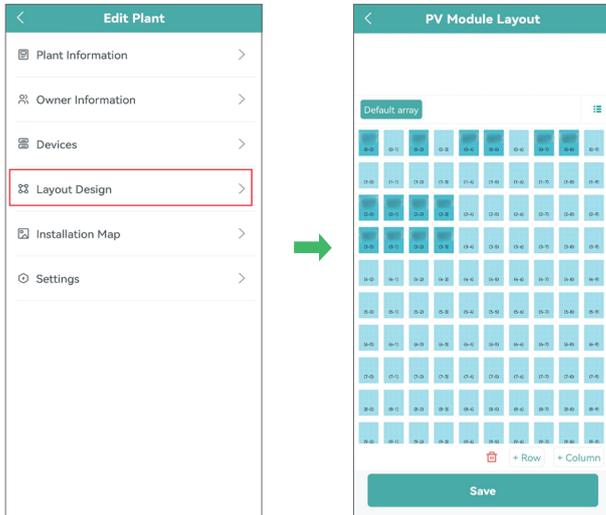
6. Tap **Finish**.

6.3.3 Edit Layout Design

You can edit the layout design of PV modules in a plant.

Steps

1. Tap  to enter the Plants screen.
2. Tap  to enter the Edit Plant screen.
3. Tap **Layout Design** to edit the layout. Tap **Save**.



NOTE

On the PV Module Layout screen you can perform the following operations according to the actual installation.

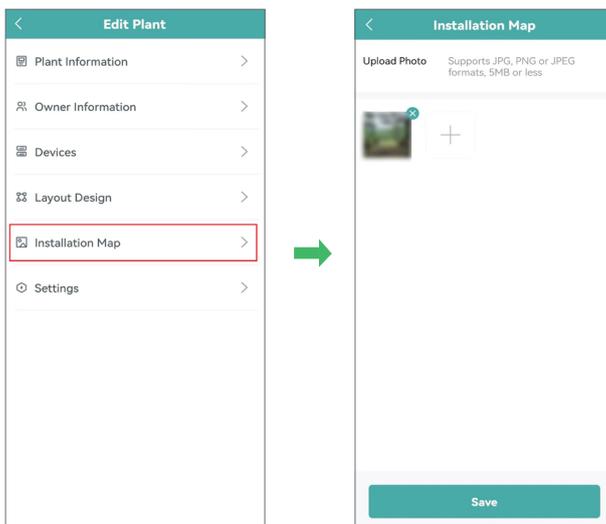
- Long press a PV module and tap **Confirm** to delete it.
- Tap  to edit the PV array information.
- Tap  to add a row of the PV module layout.
- Tap  to add a column of the PV module layout.
- Tap  to delete all PV modules.

6.3.4 Edit Installation Map

You can change or delete the installation map.

Steps

1. Tap  to enter the Plants screen.
2. Tap  to enter the Edit Plant screen.
3. Tap **Installation Map**.
4. Delete the installation map picture or upload a new picture as the installation map.
5. Tap **Save**.



6.3.5 Enable Export Management

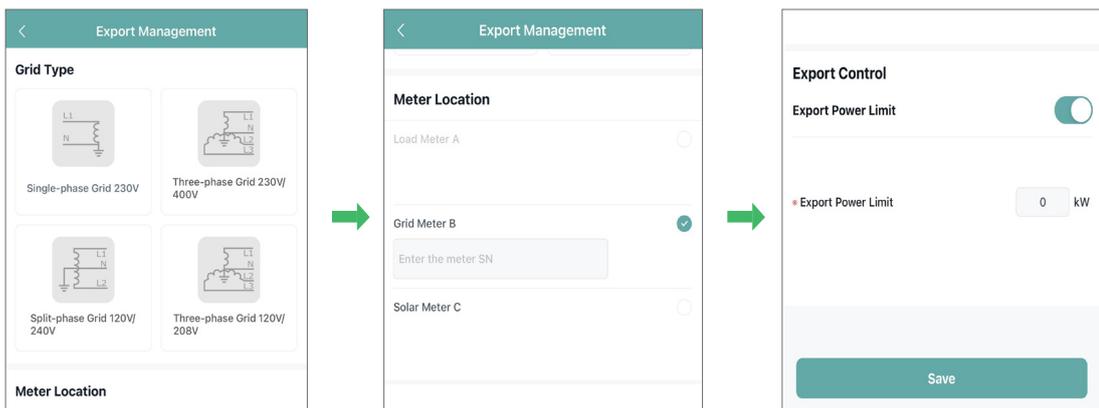
Local grid authorities in some countries limit the amount of power exported to the grid to prevent power surges, quality issues, or electricity instability. To address this requirement, Hoymiles has developed an Export Management Solution. You can enable the export management function on the App to ensure compliance with the law.

NOTE

This function is supported by DTU-Pro and DTU-Pro-S.

Steps

1. Tap  to enter the Plants screen.
2. Tap  to enter the Edit Plant screen.
3. Tap **Settings**.
4. Enable **Export Management**.
5. Configure export management
 - A. Select the grid type according to the actual scenario.
 - B. Check the meter location and enter the meter SN.
 - C. Enable **Export Power Limit**, and enter the number of export power limit (unit: kW).



6. Tap **Save**.

6.3.6 Enable Power Balance Configuration

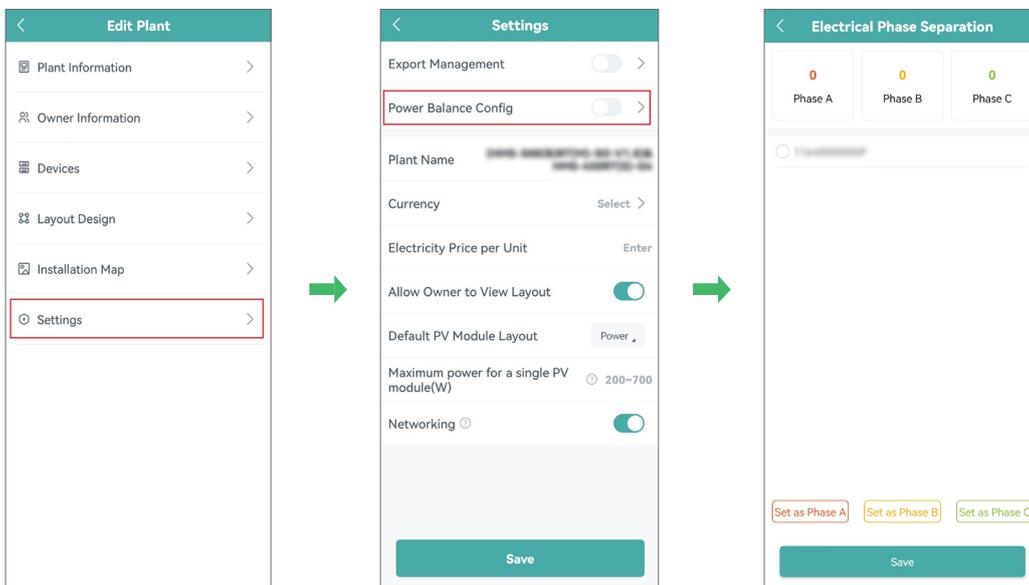
You can enable the three-phase system balance to optimize the energy export within your solar power system, allowing you to make data-driven decisions for maximum efficiency and returns on your investment.

NOTE

This function should be supported by devices, including DTU-Pro and DTU-Pro-S.

Steps

1. Tap  to enter the Plants screen.
2. Tap  to enter the Edit Plant screen.
3. Tap **Settings**.
4. Enable **Power Balance Config**.
5. Select a microinverter, and then tap **Set as Phase A** / **Set as Phase B** / **Set as Phase C** to set the selected microinverter as phase A, B, or C.
6. Tap **Save**.

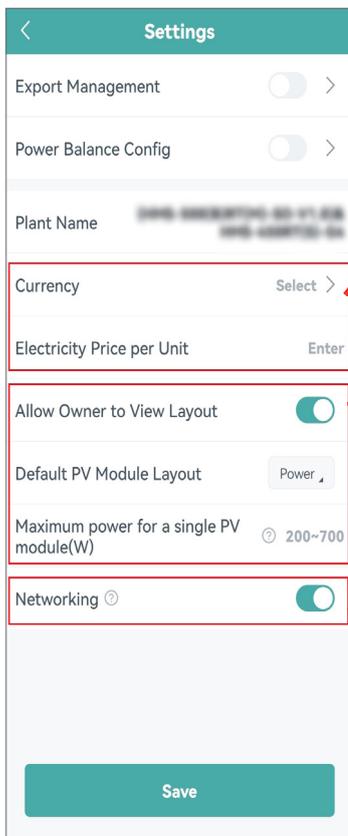
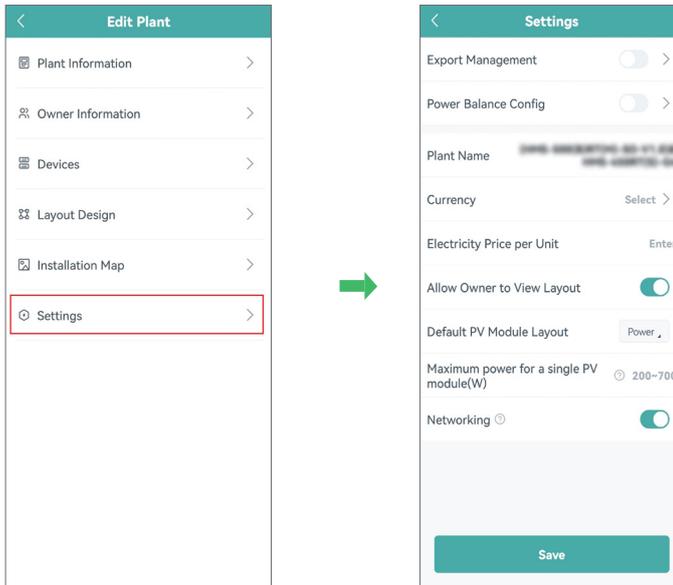


6.3.7 Set Plant Regulation

You can set the plant regulation, including plant revenue, networking, and more settings.

Steps

1. Tap  to enter the Plants screen.
2. Tap  to enter the Edit Plant screen.
3. Tap **Settings**. Set the plant regulation and then tap **Save**.



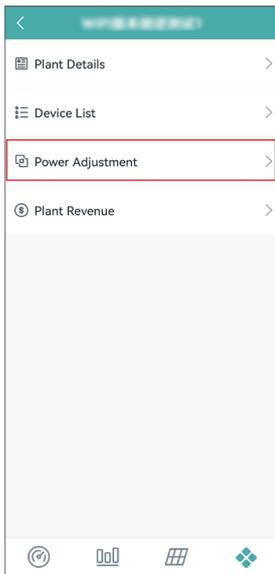
Plant Revenue	<ol style="list-style-type: none"> 1. Select the currency type to calculate the plant revenue. 2. Enter the electricity price per unit.
More Settings  NOTE These settings will be applied to the PV Module Layout screen.	<p>Allow Owner to View Layout After enabling this function, you can allow owners to view the plant's PV module layout.</p> <p>Default PV Module Layout Select Power or Energy in the drop-down list.</p> <ul style="list-style-type: none"> • Select Power, so you can view the layout with power data. • Select Energy, so you can view the layout with energy data.
Networking	<p>Maximum power for a single PV module Enter the maximum power (range: 200 W to 700 W) for a single PV module.</p> <p>Enable it to synchronize the operations on the S-Miles Cloud to the devices.</p>

6.3.8 Set Power Adjustment Method

You can set the power adjustment method on the devices of your plant.

Steps

1. Tap  to enter the Plants screen.
2. Tap a plant name in the plant list.
3. Tap  at the bottom of the screen.
4. Tap **Power Adjustment**.



5. Select a power adjustment method and enter the corresponding value.

NOTE

Active Power Control and Power Factor Control are only available for DTU-Pro and DTU-Pro-S.

Active Power Control

You can adjust the percentage of maximum output power and rated output power. For example, if the percentage is set to 70%, the maximum output power will be only 70% of the rated output power.

Reactive Power Control

You can adjust the ratio of real-time active power and real-time reactive power. The default value is one.

Power Factor Control

You can adjust the percentage of real-time reactive power and real-time apparent power.

6. Tap **Save**.

7 Operation and Maintenance

7.1 Manage a Device

You can continue to add devices (DTUs and microinverters) to an existing plant. After adding devices to S-Miles Cloud, you can manage them and perform further operations, including deleting devices, replacing devices, and remotely controlling devices.

7.1.1 Add a Device

You can continue to add a single device or multiple devices to an existing plant. For details, refer to [Edit a Device](#).

7.1.2 Delete a Device

You can remove a device (DTU or microinverter) from an existing plant.

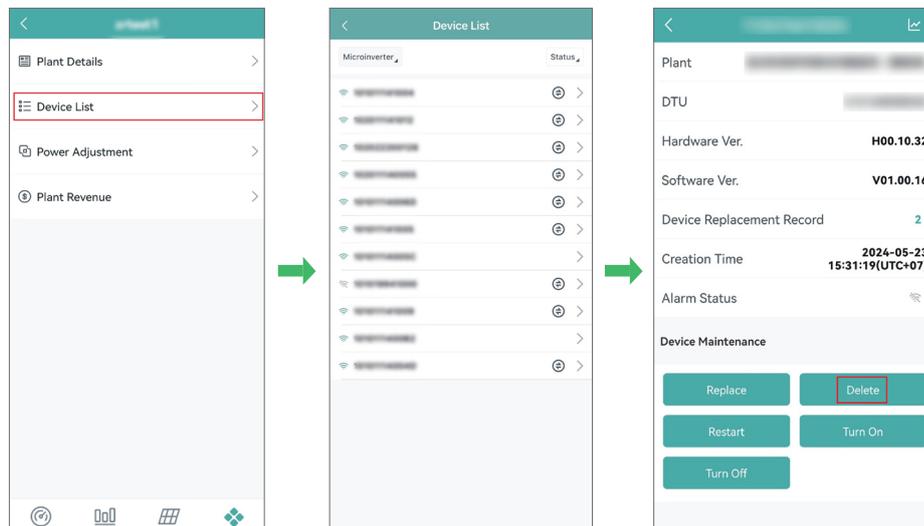
NOTE

The device cannot be restored after being deleted. Please proceed carefully.

Steps

You can choose either of the following two methods to delete a device.

- Delete a device when editing it. For details, refer to [Edit a Device](#).
- Delete a device when viewing its details.
 1. Tap  to enter the Plants screen.
 2. Tap a plant name in the plant list.
 3. Tap  at the bottom of the screen.
 4. Tap **Device List**, select the device, and then tap **Delete**.



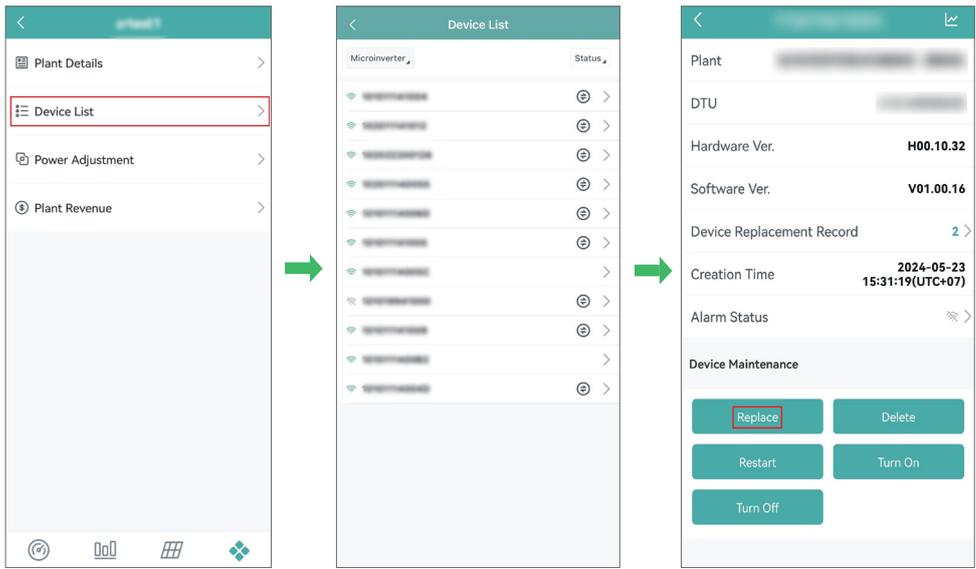
5. Tap **Confirm**.

7.1.3 Replace a Device

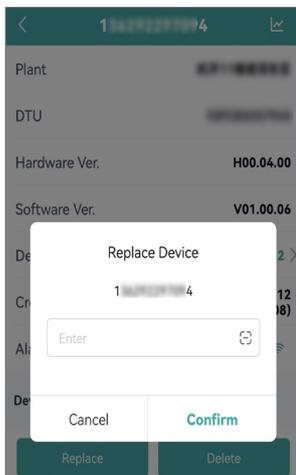
You can replace a device (Microinverter or DTU) of a plant.

Steps

1. Tap  to enter the Plants screen.
2. Tap a plant name in the plant list.
3. Tap  at the bottom of the screen.
4. Tap **Device List**, select the device, and then tap **Replace**.



5. Enter or tap  to scan the new device's SN, and then tap **Confirm**.

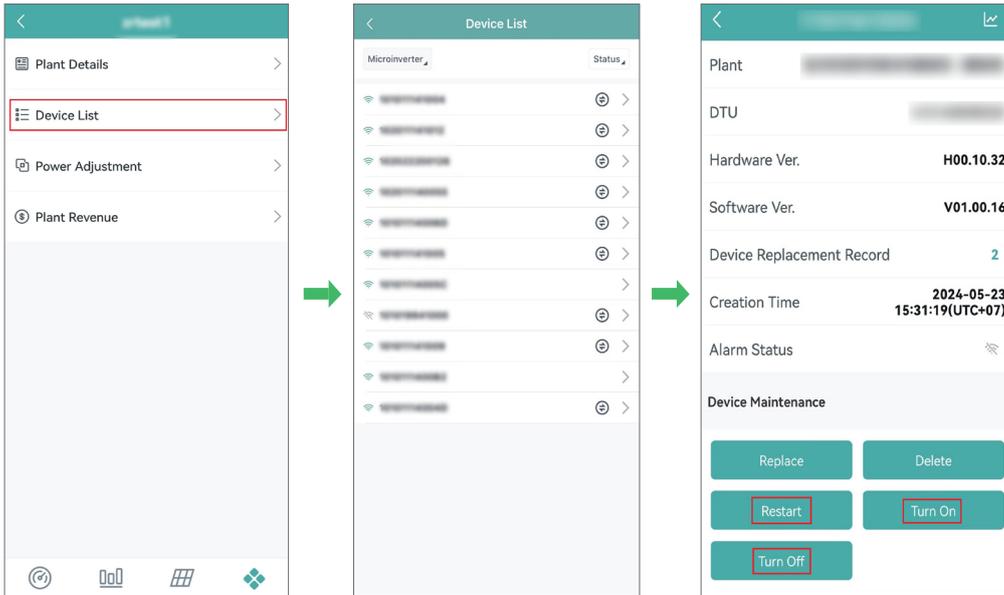


7.1.4 Control a Device

You can perform operations remotely on the device, including restarting the device, turning on, or turning off the device.

Steps

1. Tap  to enter the Plants screen.
2. Tap a plant name in the plant list.
3. Tap  at the bottom of the screen.
4. Tap **Device List**, select the device, and tap the following buttons according to the actual scenario.



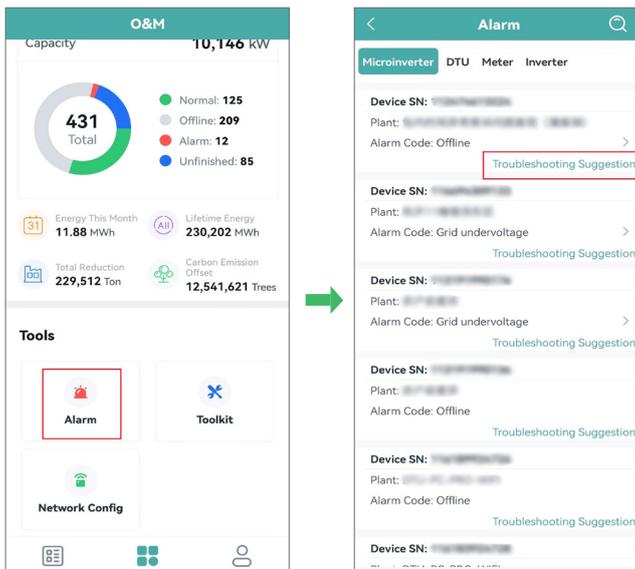
Button	Description
Turn On	Tap this button to turn on the microinverter.
Turn Off	Tap this button to turn off the microinverter.
Restart	Tap this button to restart the DTU or microinverter.

7.2 View Alarms

You can view alarm codes for all plants to proactively address any concerns, minimize downtime, and ensure efficient operations of your power plants.

Steps

1. Tap  to enter the O&M screen.
2. Tap **Alarm**. Alarm codes of devices are displayed on the screen.
3. (Optional) Tap **Troubleshooting Suggestion** to view the troubleshooting suggestion.



7.3 Set DTU Network

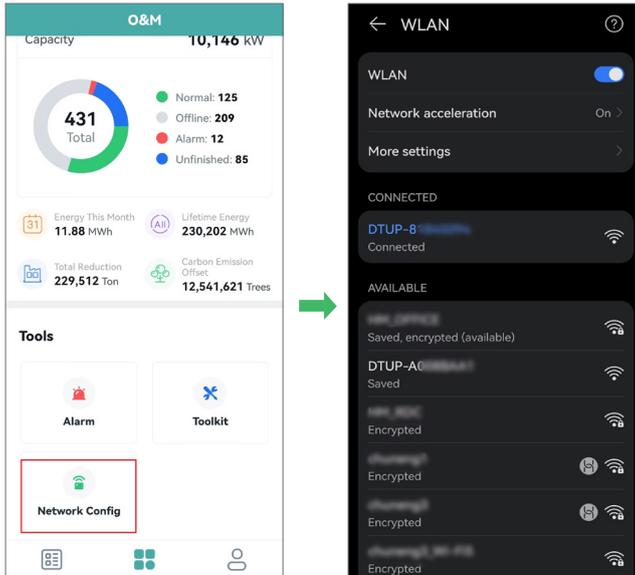
You can issue network configuration commands to DTU on your phone via Ethernet or Wi-Fi, so as to ensure that the DTU is connected to S-Miles cloud server.

Before You Start

Make sure you have finished Ethernet or Wi-Fi configuration on the DTU.

Steps

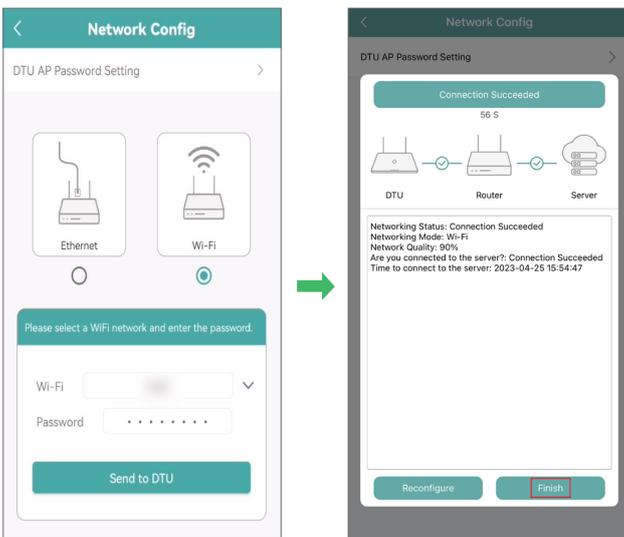
1. Tap  to enter the O&M screen.
2. Tap **Network Config** and select DTU's Wi-Fi.



3. Return to the App, and wait a few seconds for the DTU connection and data uploading.
4. Select **Ethernet** or **Wi-Fi**, and then tap **Send to DTU**. Tap **Finish**.

NOTE

- The screenshots provided here are for reference only. The actual screens may vary.
- Consult the Microinverter User Manual, DTU Manual for comprehensive instructions on configuring your monitoring system.



7.4 Set Device Connection

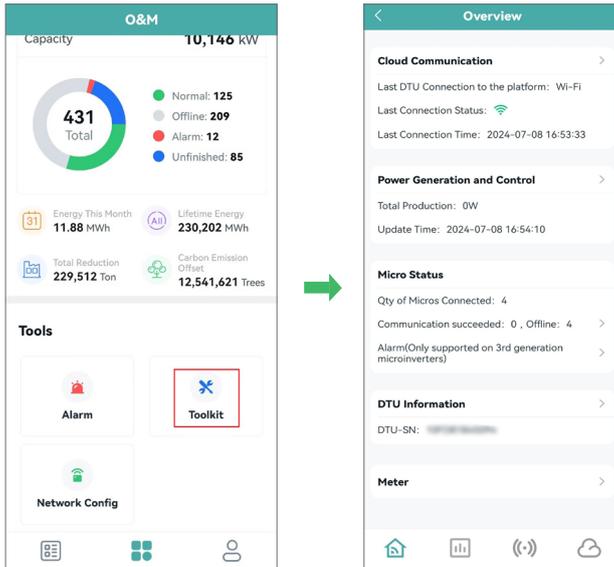
You can set device connection configuration when connection error occurs.

Before you start

Make sure your phone has connected to the DTU's Wi-Fi. For details, refer to [Set DTU Network](#).

Steps

1. Tap  to enter the O&M screen.
2. Tap **Toolkit**.
3. Tap icons at the bottom of screen to perform operations.

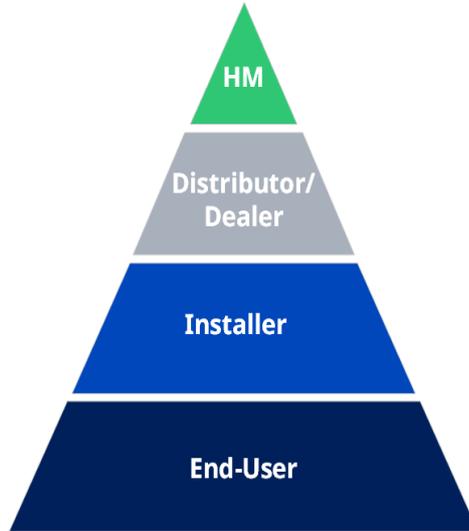


Icon	Section	Description
	Overview	Displays overall functions in Toolkit.
	Power Generation and Control	Displays the power generated by each DTU. In addition, you can add device and self-check the existing device.
	Connection Status	Displays DTU connection status.
	Cloud Communication	Displays details of DTU connection status. In addition, you can set the access mode for DTU network configuration.

8 Appendix: Role Introduction

8.1 Role Structure

Each level in the hierarchical structure has specific permissions to ensure a secure and tailored experience within the S-Miles Cloud system.



Role	Description
HM	Refers to Hoymiles. The Hoymiles Technical Service Center creates accounts for distributors according to their requirements.
Distributor	Includes the dealer. Email service@hoymiles.com for account creation.
Installer	Contact the distributor for account creation.
End-User	Refers to the owner. Contact the installer for account creation.

8.2 Role Permission

The operation permissions of each role on the App are listed as follows.

Operation Permission	HM	Distributor/Dealer	Installer	End-User
Create Distributor/Dealer Accounts				
Create Installer Accounts				
Create Sub-Installer Accounts				
Create End-User/Owner Accounts	●	●	●	
Create Plants	●	●	●	
Edit Plant Basic Information	●	●	●	
View PV Module Layout	●	●	●	●
Remote Control Devices	●	●	●	●