





S-Miles Cloud Monitoring Platform USER MANUAL

By Hoymiles

Region: North America V202105

hoymiles.com

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1. About

1.1 Introduction

The S-Miles Cloud (Hoymiles Monitoring Platform) is a smart PV operation monitoring and management system developed by Hoymiles specifically for installers of distributed PV power plants.

At present, the system has the Installer and the Owner versions, with the corresponding webpage and mobile application available.

This platform provides an easy-to-use procedure for accounts under monitoring and a visual physical layout guide for the installation of microinverters. It enables installers to configure the monitored accounts quickly and provides them with power generation data of both plant and module, as well as detailed alarm information about the power plant regarding commissioning and diagnostics.

1.2 System Composition

Install our DTU and microinverter before using the monitoring system. Through wireless communication, the DTU collects status and operation data from microinverter and transmit control commands to it. At the same time, the DTU also connects to the Internet through a router and sends microinverter data to the Hoymiles Monitoring Server to achieve remote control of the whole system.

1.3 Installer & Owner App/Platform



S-Miles owner



S-Miles installer

1.3.1 App download

(1) Scan the QR code to download.

For Installer:

For Owner:





🗘 Android / 🖒 iOS

(2) Search "Hoymiles" on Google Play or App Store.

1.3.2 Webpage

Web: https://world.hoymiles.com

2. Overview

2.1 Home page

The home page of the plant displays the number of plants owned by the user, power generation of the current month, the cumulative power generation of the plant, and the total number of alarm devices. Users can set their accounts at the menu bar at the top.

Power Generation		Plant Status		All Devices	Hello, DemoInstaller!	
Energy this Month 80.61 kWH	Lifetime Energy 3.57 NW/h	(3) Total	Offline: 2 Normal: 1 Alarm: 0 Unfinished: 0	18 — Microin Tetal — DTL: 3	Capacity, as we owned capacity, 2	ŝ
3 Ton	1,980 Trees		mactive: 0	Tuplata	Create Plant & Owner Ma	anage
History Data					Number of New Plants	
Month Year Tot	al			< 2021-08	• •	
15					09 10 11 12 01 02 03 04 05 0	6 07
			_	1.5.1	Number of New Devices	
10	-					
Energy (kWh)					09 10 11 12 01 02 03 04 05 0	16 07
5					My Favorites	
		_				

2.1.1 Top menu bar

- (1) Search: Input the plant name or device serial number to search on the platform for the corresponding target. 🔍
- (2) Language: Click the "Language" button to switch to the corresponding language.



(3) Username: By clicking the username, "My Account" and "Log out" will be displayed. Users can click to modify their personal information or log out of the system.

2.2 Plants

Plants: All the plants of the logged-in user will be displayed. You can also view or edit the plant. Click "Star 🖈 " to mark the plant.

S-MILES	CLOUD	≙ ⊦	iome 🕮 Plants 🔀 O&M	🗟 Org	1&User				9 Q Q	۲	8	н
습 / Plants / Li	st / Plant I	ist										
Plant List	My Fa	vorites	Plant Map									
Plant Status		V	Plant Name V Please enter plant	name.	Q Advanced Filte	r Ø			I	Æ 6 (Create I	Plant
	Status	Plant ID	Plant Name	Capacity	Affiliated Organization	Country	Energy Today	Power Ratio	Data Update	Acti	ən	
	-70 -70	75757	test0427	1.2kW	HZGYA	中国	oWh	151	ā	R	P	☆
I Have	≉ ⊘	50006	SHOW_3kW	3kW	HZGYA	中国	9.12kWh	•	2021-08-09 14:01:12 (UTC+08)	R	P	*
	79	12729	SHOW_Export Management_1.2kW	1.2kW	HZGYA	中国	0Wh	(*)	2021-07-06 11:16:25 (UTC+08)	R	P	

2.2.1 Filter

Locate plants through fields such as status, name, and SN.

	Plant List							
Plant List	My Favorites	Plant Map						
Plant Status	Plant	t Name 🗸 Please ente	er plant name.	Q Advanced Fil	ter			
ூ Offline ≝ Alarm	: ID PI	ant Name	Capacity	Affiliated Organization	Country	Energy Today	Power Ratio	Data Up
⊚ SN does not match ☆ Abnormal grid	1 6 Sł	HOW_3kW	3kW	HZGYA	中国	2.64kWh	<u>,</u>	2021-08
advanced filter	r will be adde	d to find plants	later.					
Plant List	My Favorites	Plant Map						

2.2.2 View

Click the "View" button to see plant details (there are detail pages of ordinary plant and zero export plant).

CLOUD		Home 🕮 Plants 💥 O&N	۸ 🗷 Org8	kUser				9 @ ¢	۲	A HZG
st / Plant L	ist									
My Fa	vorites	Plant Map								
	×	Plant Name V Please enter plan	it name.	Advanced Filte	r 🎖			1	🕫 Cr	eate Plant
Status	Plant ID	Plant Name	Capacity	Affiliated Organization	Country	Energy Today	Power Ratio	Data Update	Actio	n
\$9 ⊘	50006	SHOW_3kW	3kW	HZGYA	中国	2.64kWh	r	2021-08-11 17:01:11 (UTC+08)		ø 🖈
43	12729	SHOW_Export Management_1.2kW	1.2kW	HZGYA	中国	0Wh	ā	2021-07-06 11:16:25 (UTC+08)	View	Ø \☆
	Status	st / Plant List My Favorites Status Plant ID 🥯 🤗 50006	st / Plant List My Favorites Plant Map Plant Name V Please enter plan Status Plant ID Plant Name Source Show_3kW	st / Plant List My Favorites Plant Map V Plant Name Status Plant ID Plant Name Capacity Status Status Status Status	st / Plant List My Favorites Plant Map V Plant Name Please enter plant name. Q Advanced Filte Status Plant ID Plant Name Capacity Affiliated Organization Status Status SHOW_3KW 3kW HZGYA	st / Plant List My Favorites Plant Map ✓ Plant Name ✓ Please enter plant name. Q Advanced Filter ▽ Status Plant ID Plant Name Capacity Affiliated Organization Country Source Stools SHOW_3kW 3kW HZGYA 中国	st / Plant List My Favorites Plant Map ✓ Plant Name ✓ Please enter plant name. Q Advanced Filter ▼ Status Plant ID Plant Name Capacity Affiliated Organization Country Energy Today Status Sto006 SHOW_3KW 3kW HZGYA 中国 2.64kWh	st / Plant List My Favorites Plant Map ✓ Plant Name ✓ Please enter plant name. Q Advanced Filter ▼ Status Plant ID Plant Name Capacity Affiliated Organization Country Energy Today Power Ratio Status Plant ID Plant Name 3kW HZGYA 中国 2.64kWh	st / Plant List My Favorites Plant Map ✓ Plant Name ✓ Please enter plant name. Q Advanced Filter ਓ Status Plant ID Plant Name Capacity Affiliated Organization Country Energy Today Power Ratio Data Update Status Status Status Status Status Status Affiliated Organization Country Energy Today Power Ratio Data Update Status Status Status Status Affiliated Organization Country Energy Today Power Ratio Data Update	st / Plant List My Favorites Plant Map ✓ Plant Name ✓ Please enter plant name. Q. Advanced Filter Status Plant D Plant Name Capacity Affiliated Organization Country Energy Today Power Ratio Data Update Action © © 50006 SHOW_3kW 3kW HZGYA 中国 2.64kWh 2021-08-11 17:01:11 (UTC+08)

2.2.3 Edit

Click the "Edit" button to edit the plant.

/ Plants /	List / Plant	List								
Plant List	My Fa	ivorites	Plant Map							
Plant Status		× .	Plant Name V Please enter plant	name.	Q Advanced Filte	r Ø				Create Plant
	Status	Plant ID	Plant Name	Capacity	Affiliated Organization	Country	Energy Today	Power Ratio	Data Update	Action Plant O&M
1	æ⊘	50006	SHOW_3kW	3kW	HZGYA	中国	2.64kWh		2021-08-11 17:01:11 (UTC+08)	2 🖉
	70	12729	SHOW_Export Management_1.2kW	1.2kW	HZGYA	中国	0Wh	-	2021-07-06 11:16:25 (UTC+08)	R 👂 🌣

You will see the page as shown below.

👛 S-MILES	CLOUD	<u>ا</u> ھ	Home	🖽 Plants	💥 о&м	🗵 Org	BlUse	Plant O&M				×
습 / Plants / L	ist / Plant L	ist						Plant Name :	SHOW_3kW		Power: 3 kW	
Plant List	My Fa	vorites	Plant M	Иар				Affiliated Organization:	HZGYA		Owner: HZFYB	
			Plant Name				Q	Plant Status:	Home Plant	Installat	tion Time: 2020-11-03 11:	:19:28 (UTC+08)
	Status	Plant ID	Plant Na	me		Capacity	Aff	Address:	浙江省杭州市拱墅区康桥街	道康景路杭开创新领地		
	≉ ⊘	50006	SHOW_3	kW		3kW	HZO	Current Power:		h	$\sim\sim$	0%
	73	12729	SHOW_E	kport Managem	ent_1.2kW	1.2kW	HZO	Plant O&M:	🕸 Settings	٩	X Transfer Plant	
									A Networking	Ľ	Power Adjustment	
									🗇 Delete			

- (1) Settings: Plant details (plant settings).
- (2) Transfer plant: Click the "Transfer Plant" button and an organization selection box will pop up. You can choose to transfer the plant to an affiliated organization.
- (3) Networking: Click the "Networking" button and the DTU will send the network connection command to the microinverter.
- (4) Generate report: Generate a report of the plant data.
- (5) Delete: Click the "Delete" button to delete the plant (cannot be deleted if there are devices under the plant).
- (6) Power limit settings: For DTU-Pro users only. Set the generation power limit value according to your needs.

2.3 O&M (Operation and Maintenance)

2.3.1 Device List

On this page, you will be able to manage the microinverters, DTUs, repeaters and meter devices which are bound to the plants under your account.

	binverter	🔁 Device List							
Microinverter DTU	Repeater	Meter 🖄 Alarm Query							
Please select plant. MI-SN	Device Status	Pleas B Report Query	anagement nnected DTU	Device Version	Model	Grid Profile Version	Hardware Ver.	Software Ver.	Action
106	= Offline	SHOW_Export Management_1.2kW	10F864200890	Gen2					2
101	Online	SHOW_3kW	10F232900042	Gen2		1.1.0 (LN_50Hz)	H07.00.01	V00.02.32	R /
102	Online	SHOW_3kW	10F232900042	Gen2		1.1.0 (LN_50Hz)	H07.00.01	V00.02.32	12 /
102	Online	SHOW_3kW	10F232900042	Gen2		1.1.1 (LN_60Hz)	H07.00.01	V00.02.32	E /
101	Online	SHOW_3kW	10F232900042	Gen2			H07.00.01	V00.02.32	R /
101	• Online	SHOW_3kW	10F232900042	Gen2			H07.00.01	V00.02.32	2
101 🖘	Online	SHOW_3kW	10F232900042	Gen2			H07.00.01	V00.02.32	12
101	Online	SHOW_3kW	10F232900042	Gen2			H07.00.01	V00.02.32	B /
101	Online	SHOW_3kW	10F232900042	Gen2			H07.00.01	V00.02.32	12 0
101	Online	SHOW_3kW	10F232900042	Gen2			H07.00.01	V00.02.32	2

1. Microinverter Management

(1) Query: Select the plant or input the microinverter serial number, then click the "Search" button to quickly find the qualified microinverter.

<u> </u>			🖽 Plants 💥 O&M	🗟 Org&User						🌐 <u>ര</u> нzы
≙ / 08	xM / Device List / Micr	pinverter								
Micro	inverter DTU	Repeater	Meter Device Replace	nent Record						
please	select plant.		Please enter SN.	Q Searc	±n					
SHOW_ SHOW_	.3kW Export Management_1.2kV	v		Connected DTU	Device Version	Model	Grid Profile Version	Hardware Ver.	Software Ver.	Action
	106167444555 🗂	Offline	SHOW_Export Management_1.2kW	10F864200890	Gen2					2
	101011141004	Online	SHOW_3kW	10F232900042	Gen2		1.1.0 (LN_50Hz)	H07.00.01	V00.02.32	R P
	102011141012	Online	SHOW_3KW	10F232900042	Gen2		1.1.0 (LN_50Hz)	H07.00.01	V00.02.32	12 /
	102022200126	Online	SHOW_3kW	10F232900042	Gen2		1.1.1 (LN_60Hz)	H07.00.01	V00.02.32	R /
	101011141005	Online	SHOW_3kW	10F232900042	Gen2			H07.00.01	V00.02.32	R /
	101011141009	Online	SHOW_3kW	10F232900042	Gen2			H07.00.01	V00.02.32	8 0

(2) View: Click the "View" button to enter the detail page of microinverter, which displays the basic information, real-time parameters, equipment status, etc.

(3) Equipment maintenance: It displays the basic information of the microinverter. It also displays remote control functions such as turning off, turning on, restarting the microinverter, replacing/deleting device, grid profile update as shown below.

S-MILES CLOUD	🔓 Home	🕮 Plants 💥 O&M	🗟 Org&User				C	۵ ۵	🖶 😣 HZGYA
습 / O&M / Device List / Mice	roinverter								
Microinverter DTU	Repeater	Meter Device Replaceme	nt Record						
Please select plant.		✓ Please enter SN.	Q Search						
MI-SN	Device Status	Plant	Connected DTU	Device Version	Model	Grid Profile Version	Hardware Ver.	Software Ver.	Action
106167444555 🖬	Offline	SHOW_Export Management_1.2kW	10F864200890	Gen2					Device Maintenance
101011141004	Online	SHOW_3kW	10F232900042	Gen2		1.1.0 (LN_50Hz)	H07.00.01	V00.02.32	R 🖉
102011141012	Online	SHOW_3kW	10F232900042	Gen2		1.1.0 (LN_50Hz)	H07.00.01	V00.02.32	B /
102022200126	Online	SHOW_3kW	10F232900042	Gen2		1.1.1 (LN_60Hz)	H07.00.01	V00.02.32	1 2 <i>P</i>
101011141005	Online	SHOW_3kW	10F232900042	Gen2			H07.00.01	V00.02.32	R Ø
101011141009	Online	SHOW_3kW	10F232900042	Gen2			H07.00.01	V00.02.32	B P
10101114006D 🖘	Online	SHOW_3kW	10F232900042	Gen2			H07.00.01	V00.02.32	8

S-MILI	ES CLOUD	🔒 Home	圈 Plants 💥 O&M	🗟 Org&User		Device Maintenance			×
습 / 08M	/ Device List / Microin	werter		-		MI-SN:	101011141004	Creation Time: 2021-06-08 10:32:24 (UTC+08)	
Microinve	erter DTU	Repeater	Meter Device Replace	ement Record		Plant:	SHOW_3kW	Connected DTU: 10F232900042	
				Q. Search	l I	Hardware Ver.:	H07.00.01	Software Ver.: V00.02.32	
	MI-SN	Device Status	Plant	Connected DTU	Device Ver	Device Maintenance:	() Turn On	(U) Turn Off	
	106167444555 🛱	= Offline	SHOW_Export Management_1.2kW	10F864200890	Gen2		C Restart	🖽 Replace Device	
	101011141004	Online	SHOW_3kW	10F232900042	Gen2		View Grid Profile	R Grid Profile Update	
	102011141012	Online	SHOW_3KW	10F232900042	Gen2				
	102022200126	Online	SHOW_3kW	10F232900042	Gen2		▲ Shield Alarm	Delete Device	
	101011141005	• Online	SHOW 3PW	10523200042	Geo2				

2. For DTU Management

Select the DTU and click the "Device Maintenance" button, and you will be able to restart, replace, upgrade firmware, collect software information, delete the DTU (the DTU cannot be deleted if there is a bound MI, you need to delete the MI first), as shown below.

습 / O&M / Device List / DTU	1							
Microinverter DTU	Repeater	Meter Device R	eplacement Record					
Please select plant.	~ [F	Please enter SN.	Q Search					
DTU-SN	Device Status	Plant		Device Version	Model	Hardware Ver.	Software Ver.	Action
10F864200890 🛱	Offline	SHOW_Export Manager	ment_1.2kW	Gen3		H09.01.02	V00.02.03	R 🤌
10F232900042 🛱	Online	SHOW_3kW		Gen2		V03.01	V14.04	8
S-MILES CLOUD	습 Home 🕮 Plan	ts 🗙 оам Di	evice Maintenance					
S-MILES CLOUD	合 Home	ts 💥 ORM D		10F864200890		Cre	eation Time: 2021-08-02	
		ts 🔆 O&M D	DTU-SN:	10F864200890 SHOW_Export Managem	ient_1.2kW			
습 / O&M / Device List / DTU	Repeater		DTU-SN:	SHOW_Export Managem	ient_1.2kW	Qty of MI	eation Time: 2021-08-02	
A / O&M / Device List / DTU Microinverter DTU	Repeater	Meter Device	DTU-SN: Plant:	SHOW_Export Managem	ient_1.2kW	Qty of MI Sc	eation Time: 2021-08-02 Connected: 1	
A O&M / Device List / DTU Microinverter DTU Please select plant.	Repeater Plea	Meter Device	DTU-SN: Plant: Hardware Ver.:	SHOW_Export Managem	ent_1.2kW	ୟty of MI Sc	connected: 1 ftware Ver.: V00.02.03	7:33:21 (UTC+08)

3. Meter Management

On this page you can query and delete the meter device.

S-MILES CLOUD		🖽 Plants	🗶 о&м	圆 Org&User			۲	A HZGYA
습 / O&M / Device List / Me	iter							
Microinverter DTU	Repeate	r Mete	Devi	ce Replacement Record				
Please select plant.		Please en	ter SN.	Q Search				
Meter-SN	D	evice Status		Plant	Connected Position		Action	1
10/010102020	123	Offling		CLIOUR Evnert Management 1 Okto	Crid			

4. Device Replacement Record

On this page you will see the device replacement record.

S-MILES CLOU	D	🗄 Plants 🛛 💥 O&M	Org&User		0 ® <u>8</u>
	it / Device Replacement Reco	ord			
Microinverter	DTU Repeater	Meter Dev	ice Replacement Record		
Please select plant.	✓ Device Type	∨ Please ent	er original SN. Please enter new SN.	Q Search	
Device Type	New SN	Original SN	Plant	Replacement Time	Replaced By
DTU	10F864200890	10F864200098	SHOW_Export Management_1.2kW	2021-08-05 15:42:02 (UTC+08)	HZGYA
DTU	10F864200098	10F871609976	SHOW_Export Management_1.2kW	2021-08-05 15:41:40 (UTC+08)	HZGYA
Microinverter	106167444555	106167444444	SHOW_Export Management_1.2kW	2021-08-02 21:49:16 (UTC+08)	adminHW
DTU	10F871609976	10F871600076	SHOW_Export Management_1.2kW	2021-08-02 17:53:32 (UTC+08)	adminHW
DTU	10F871403298	10F864200800	SHOW_Export Management_1.2kW	2021-07-16 15:25:26 (UTC+08)	HZGYA
Microinverter	112163700092	112163700091	SHOW_Export Management_1.2kW	2021-07-07 14:59:02 (UTC+08)	daitihu
DTU	10F864200800	10F864200890	SHOW_Export Management_1.2kW	2021-07-07 13:07:38 (UTC+08)	HZGYA
Microinverter	112163700091	114162820080	SHOW_Export Management_1.2kW	2021-07-05 17:30:17 (UTC+08)	qianrushi

2.3.2 Alarm Query

1. Real-time Alarms

The alarm query page displays all the alarms under the logged-in account. Click "Real-time Alarms" to view details of present alarms, including the device that issues alarm, the plant, the alarm level and the name of the alarm. If you click "Troubleshooting Suggestion", the system will give you suggestions about how to deal with the alarm.

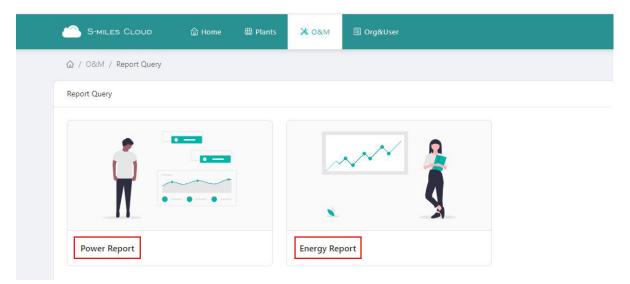
2. Historical Alarms

Click "Historical Alarms" to view information of historical alarms.

S-MILES CLOUD		🖽 Plants	🗶 0&м	🗟 Org&User				۲	R HZGY
습 / O&M / Alarm Query	r								
Real-time Alarms	Historical Alarms								
Microinverter V	Please select plan	nt.		Alarm Name V Please enter SN.	Q Search				
MI-SN	Plant		Alarm Name	Alarm Time		Actio	n		

2.3.3 Report Query

On this page you can download power and energy reports of the whole system.



2.3.4 Grid Profile Management

On this page you can edit the grid profile.

S-MILES CLOUD		🖽 Plants 🛛 💥 🔿	&M 🗏 Org8					🗎 🔗 на
습 / O&M / Grid Profile Ma	nagement							
Grid Profile Management								
Country/Region V	Device Version	V		ile Name	Q Search			
File Name	Alias	Device Version	Country	Version No.	Creation Time	Action		
China_NBT_32004_H		Gen2	China	1.1.2	2021-02-23 16:39:54	🖉 Edit 🔀 Alias 🗖 De	elete	
CN_NBT32004_2018		Gen3	China	2.0.0	2020-07-07 16:54:13	🖉 Edit		
			China		2018-10-29 14:54:34	∠ Edit		

2.4 Basic Information

2.4.1 Organization Management

The organization list displays all the organizations under the logged-in account. According to the type of organization, you can select eligible organizations, add new organizations, edit existing organizations, and view and delete the organization users.

There are four types of organizations: device supplier, dealer, installer and regular organization. Regular organizations have two customer roles: sub-installer and normal installer. Sub-installers can only create and edit plant and issue networking commands.

Normal Installer

- (1) Definition: An Organization means a group name, like a distributor or installer company.
- (2) Edit: Click the "Edit" button to edit organization information.
- (3) Add Organization: Click the "Add Organization" button to add an affiliated organization.
- (4) View: Click the "View" button to enter the information page, where you can view organization name, superior organization, the number of organizational users and plants.
- (5) Delete: Click the "Delete" button, and confirm whether to delete the organization (if the organization has a plant, it cannot be deleted).
- (6) Search: Click the "Search" button based on the selected institution type to quickly obtain the institutions that meet the conditions.
- (7) Transfer Organization: Click the "Transfer Organization" button to enter the transfer page, then choose the new superior organization name.

S-MILES CLOUD		🖶 Plants	🗶 о&м	🗑 Org&User				۵	R HZGY
습 / Org&User / Organizatio	n Management								
Organization Management									
Please enter organization	Q Sear	ch					[+ Add O	rganization
Organization Name			Organization T	ype	Superior Organization	Contact	Action		
- HZGYA			Dealer		-		₹ 🖉 🗠	0	
LN_60			Regular		HZGYA		₽ 2 \$	•	
							Tota	I 2 data	1>

2.4.2 Organizational User Management

Definition: The logged-in account for installers or partners.

This page displays the current users and subordinate users. For each user, you can add, edit, view user authority, reset password, delete, and set it as organization administrator.

S-MILES CLOUD 🔒 Home	冊 Plants 🛛 💥 O&M	🗵 Org&User				4 ® 😣
습 / Org&User / Org. User Management						
Organization	Organization User					
Please enter organization name. Q	Please enter account.	Q			+	Add Organization Us
HZGYA	Selected 0 Item(s)	Clear				0
	Login Account	Name	Organization	Organization Type	Creation Time	Action
	HZGYA	DemoInstaller	HZGYA	Dealer	2020-09-03	8 2 8 0
	O HZWX	DemoInstaller	HZGYA	Dealer	2018-05-18	₿ ∠ 8 0

2.4.3 Owner Management

On this page, you can edit the owner's information and reset password.

🙈 S-MILES CLOUD 🔒 Home	🖽 Plants 🛛 💥 O&M	🗟 Org&User	Edit Owner		×
කි / Org&User / Owner Management			* Organization :	HZGYA (Dealer)	
Organization	Owner		Login Account:		
Please enter organization name. Q		٩	Name:	Test0102	
HZGYA	Selected 0 Item(s)	Clear	Contact Number:		
	Login Account	Name			
	Test0102	Test0102		Please enter	
	HZFYB	HZFYB		* The email address will be used to reset the password when you forget your pas an email address is recommended.	ssword. Entering

3. Alarm Definition

- 🦈 Offline
- 🞽 Alarm
- SN does not match
- 🛱 Abnormal grid
- Onstable internet connection
- \land Unfinished
- S Inactive
- (1) Offline: The DTU is not connected to the Internet. Make sure that DTU is installed and network configuration is done.
- (2) Alarm: Whole plant status alarm. This is when more than half of the microinverters in the plant issue grid-related alarms and the entire plant reports abnormal grid status. To find out what the alarm is, refer to the plant home page and click the alarm icon.
- (3) SN Does Not Match: The microinverter serial number is not correct or the SN exists in another plant. Check that everything is correct.
- (4) Abnormal Grid: Grid overvoltage/grid undervoltage/grid voltage fluctuation, etc.
- (5) Unstable Internet Connection: The DTU detects that the home network is unstable.
- (6) Unfinished: Incomplete plant.
- (7) Inactive: The plant has not uploaded any data for more than half a year. Once the DTU is connected to the Internet again, the plant will return to normal.
- (8) My Favorites: The plants that you mark as favorite.

Appendix - Quick Installation Guide (Web)-For Installer

STEP 1 - Login

Note:

1. Apply for an account

For distributors - contact the Hoymiles team (service@hoymiles.com) to create account.

For installers - contact your direct distributor to create account.

For owners - contact your installer to create account .

2. System requirements

- (1) Browser: Google Chrome is recommended.
- (2) Screen resolution: 1920*1080 recommended, 1366*768 supported.

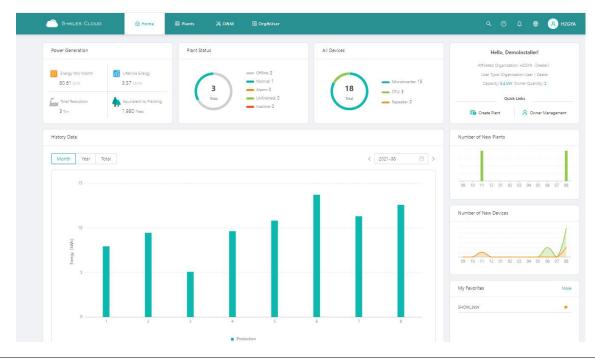
3. System login address: https://world.hoymiles.com

4. Login steps

- (1) Open the browser and enter the system address in the address bar.
- (2) Enter the correct username and password in the input box as shown below.

Ra	
S-MILES CLOUD	
Login	
R HZGYA	
8 0	
Remember Password Forgot Password ?	
A A A A A A A A A A A A A A A A A A A	
We recommend that you use the latest version of Google Chrome at a resolution of 1366-786 or above. Help Catter [Dominiad Apg] @ 2020 Hymiths Pares Distribution Inc.	

(3) Click "Login" and the system will automatically direct to the system homepage.



STEP 2 - Create a plant

Click "Plant" - "Create Plant" as shown below, fill in the information below, then click "Next".

	List / Plant I	List								
Plant List	My Fa	worites	Plant Map							
Plant Status		v	Plant Name V Please ent	er plant name.	Q Advanced Filte	er Ø				😰 Create Pla
	Status	Plant ID	Plant Name	Capacity	Affiliated Organization	Country	Energy Today	Power Ratio	Data Update	Action
- =		50006	SHOW_3kW	3kW	HZGYA	中国	9.65kWh	-	2021-08-09 14:31:12 (UTC+08)	R / Ø 🗯

Note:

- (1) Plant Name: The name of the plant.
- (2) Plant Type: Select the plant type: home plant/enterprise plant/large professional plant.
- (3) Affiliated Organization: Select your installer or distributor.
- (4) Capacity: Capacity of the whole system.
- (5) Location: Drag the map icon to select your approximate area, then manually fill in your address.

/ Plants / Create Plant							
Create Plant (Basic Information)							
* Plant Name	Please enter						
* Plant Type	Home Plant		~ (10)				
* Affiliated Organization	Please select org	ganization.	×				
* Capacity	Please enter		kW				
* Location						然电有限公司 P2 思好弄	
	- 19 - 19 8 - 19 - 19 - 19 - 19	hitting and a second se	杭州县	◎ #德电子有 認治科技型	● 新江容贝电子 科拉有限公司	統州源 語有限 服再復	[可食 (公司)
	银河街	 (要選挙) (本州) (本州) (本) (*) (*)<	杭州兰娟医疗 用品有赖公司	0 泰瑞机藏股 交 份有限公司 8	⑥ 原5633 快救救乐国	● 杭州语津會是 ● 限公司は品工	
	文測指	⑦ 艾迪科创国		家博机森版 文 伊有限公司 浮 北 地 中 文村通能产业获 当新能源汽车差地		杭州顶益食 品有限公司	100 美控 可國公司 0
		志城动力科技(杭州)有限公司	0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	o 浪潮積空机械	12		
	Please search or ma	ark the location of your plant on the map.!		(R) HE 42			
Plant Cove							

STEP 3 - Create an owner account

1. Click "Create Owner".

S-MILE		습 Home	🖽 Plants	🗶 оъм	🗟 Org&User		৭ 🎯	۵	A HZGYA	
	Owner									
← Owner	(test0427)									
						1				
				Ple		ners or add new owners of the plant.				

2. Fill in the owner information as below.

(1) Click "Select Another Owner" to select the existing owner.

Or enter the information to create a new owner account and enter the information.

(2) Click "OK" to finish account creation.

n	S-MILES CLOUD	습 Home	🖽 Plants	🗙 оам	🗟 Org&User	Create Owner		×
	습 / Plants / Owner					* Login Account:	Please enter Select Another Owner	
	← Owner (test0427)					* Initial Password:	Please enter the initial password. The default password is 123456.	
						* Name:	Please enter	
						Contact Number:	Please enter	
						Email:	Please enter	
							* The email address will be used to reset the password when you forget your password. En an email address is recommended.	tering
				Pi	lease bind current owners o 유 Crea			
							Cancel	ОК

STEP 4 - Add device & layout

1. Add device

(1) On this page, click "Create Owner" to create more owner accounts which can also log in to this plant, or just click "Next" to go to next page.

S-MILES (合 Home	🖽 Plants	🗙 о&м	🗟 Org&Us					R HZGYA
습 / Plants / Ov	vner									
← Owner (te	st0427)									
	Login Accou	nt Nar	me Cor	ntact Number	Email	Creation Time	Action			
	Test0102	Test	t0102			2021-08-06 13:49:20	関 Edit 🗄 Reset Password 🔒 Remove			
						-				
						+ Create Owner	-			
						× .				
						Cancel Next				

(2) Click "Add Device".

	S-MILES CLOUD	읍 Home	# Plants	🗙 овм	🗓 OrgàUser Q 🕜	٩	۲	A HZGYA
☆ /	Plants / Add Device/Layor	ut						
÷	Add Device/Layout (test	0427)	Oevices		> (3) Layout Design > (3) Upload Installation Map			
					a			
					There are no device in this plant, please add.			
					+ Add Device			

- (3) Type in the serial number of the DTU and microinverter. After filling in all the information, click "Save" and go to the next page.
- (4) To add more microinverters, click "Add a Row" and input the serial number.

合 Home	🖽 Plants	🗙 о&м	🗟 Org&User	Add Device	X
				* DTU SN: Please enter SN.	
2	Oevices		> 🔅 Layo	* Microinverter SN: Please enter SN. + Add a Row	E Add Multiple Rows
			There are no device in		
			+ Add		
					Cancel Save

(5) To add more DTUs, click "Add Device", and after filling in all the information, click "Next".

Add Device/Layout (test0427)			
	O Devices	> (2) Layout Design	> ③ Upload Installation	Мар
DTU	Microinverter			Action
10F855600203	106022501263, 106022501264			🖉 Edit 🗂 Delete
			_	
		+ Add Device		

2. Layout design

(1) Select the module layout or drag the panels to the map as you want, then click "OK".

Add Device/Layout			_			
Add Device/Layout (test0427)	Please select the automatic layout method for PV	×				
Add Device/Layout (test0427)			30			
PV Module List	PY	DTU			6	
Please enter microinvert Q	Arrange in Order	 Arranged According to DTU 	B - 14	0 - 16		
DTU-10F855600203						
O 106022501263	Micro	A	1 - 14	1 - 16		
0 106022501263 - 1	Inverter					
106022501263 - 2 106022501263 - 3	 Arranged According to Microinverter 	Custom Arrangement	2 - 14			
0 106022501263 - 4						
0106022501264			13 - 14			
0 106022501264 - 1		Cancel	ОК			
106022501264 - 2 106022501264 - 3						
●106022501264 - 3 ●106022501264 - 4	🛞 🕼 (Array Name: Default array) 14-4 14-5 14-6			14 - 16		

(2) After clicking "OK", you will see the page as shown below, and if there is nothing you want to change then click "Next".

← Add Device/Layout (test0427)																			
	\odot	Devices			>		2 Layo	ut Desigr		>		3 Upl	oad Insta	allation M	ар				
PV Module List	106022	1060229			106022		1060229											I 🗇	B t
Please enter microinverter S Q	01263-1	01263-2	01263-3	0 - 3	01264 0-4	01264-2	01264-3	01264-4	0 - 8	0 - 9	0 - 10	0 - 11	0 - 12	0 - 13	0 - 14	0 - 15	0 - 16	0 - 17	0 - 1
	1 - 0		1-2	(1 - 3	1-4	1-5	1 - 6	1 - 7	1 - 8	1-9	(1 - 10		1 - 12	(1 - 13	1 - 14	(1 - 15	1 - 16	1 - 17	1-1
				1060225 01263-4															
	2 - 0	2 - 1	2 - 2	2-3	2 - 4	2 - 5	2 - 6	2 - 7	2 - 8	2 - 9	2 - 10	2 - 11	2 - 12	2 - 13	2 - 14	2 - 15	2 - 16	2 - 17	-2 - 11
Layout for all devices is complete.	3 - 0	3 - 1	3 - 2	3 - 3	3 - 4	3 - 5	3 - 6	3 - 7	3 - 8	3 - 9	3 - 10	3 - 11	3 - 12	3 - 13	3 - 14	3 - 15	3 - 16	3 - 17	3 - 1
cayour for an devices is complete.		(Array P			4.4	4.5	4.5	47	4-8	4 - 9	4 - 10	4 - 11	4 - 12	4 - 13	4 - 14	4 - 15	4 - 16	4 - 17	

3. Fill in the PV array information, then click "OK".

427)	Edit PV Array	×	
	* Array Name: Default array		ар
Q	* Layout Pattern: Vertical Horizontal		(0 + 14 0 + 15
	* Azimuth: 0 (0°~360°)		1 - 14 (1 - 15
	* Inclination: 0		(2 - 14 (2 - 15
e.			(3 - 14
	🚱 🕐 (Array Name Default array) 💷 4 (A-3) (A-6) (A-7) (A-6) (A-3) (A-10)	Cancel	14 - 14 14 - 15

4. Upload the picture of the plant or click "Next".

S-MILES CLOUD		🖽 Plants	🗙 оам	國 Org&Usei	r.				A HZGYA	
☆ / Plants / Add Device/Layout										
Add Device/Layout (test04)	27)				~					
		Oevices			✓ Layout Design	>	3 Upload Installation Map			
					8					
		Diesse	where a pistures		or drag to upload pictures G, or GIF format. The size of a		and evened 2 MP			
		Tiease	aproad prettires	11710, 7120, 114	d, or on ronnat me size or a	single nie can	not exceed 2 mb.			
					Cancel Next					

5. Fill in the subsidy information, then click "Complete and active the plant".

Wait for a few seconds for the networking command to be issued, after which setup will be complete.

Plant Revenue	
2010	
Plant Name: Testuk27	
Currency Unit: Please select V	
Electricity Pice per Unit: Picese enter	
Advanced Settings	
Allow owner to view layout:	
Select Network	
Networking Automaticaliy: 🗧 🛈	
	Plant Name: test0427 Currency Unit: Please select: Biectricity Price per Unit: Please enter Advanced Settings Allow owner to view layout:

