

# **Technical Note**

S-Miles Installer Application Operation Guide

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#### 1. How do I create pant for end users?

- 1. Enter your account and password and login Installer APP.
- 2. Click "+" icon in the upper left corner to create a plant.



#### 3. Fill in the basic information and then click "Next".



4. Click "Create Owner", fill in the owner information and click "Save".



Note: You can also click on "Select Owner", then select a certain owner account, and click "Finish". These owners are from the same distributor or installer organization.

	Connect	< Owner Information	1
2 Enter	Cancel	Q Select Owner	
<b>zik</b> gin Account: <b>kaz</b>	ø	Gary	
ıry		Login Account: HMOffice	
gin Account: HMOffice	<b>v</b>	Fggh	
h	$\circ$	Login Account. 333355	
jin Account: <b>Ssssss</b>			
ce			
gin Account: HZFYB			
IJ			
gin Account: <b>jiNJJJ</b>			
Sun			
gin Account: demo42			
trick Kugler			
jin Account: Patrick_Kugler			
ris			

5. Click "Add DTU", fill in or scan the DTU and the Microinverter SN to Input box, and click "Next".

<	Bind Devices		<	Add Device	
	(+) Add DTU		* DTU-SN	Enter DTU-SN	8 😑
	•				
Previous	Ne	ext		Finish	
/	Add Davica		1	Rind Devices	Ū
* DTU-SN	10E869600234	<b>e e</b>	DTU-SN	10	F869600234
DIG-SN	101809000234		Micro-SN	1	16159632589
* Micro-SN	116159632589		Micro-SN	1	16159632596
* Micro-SN	116159632596	8 😑			Edit
(+) Add Micro				(+) Add DTU	
	1				

Note: If the plant has multiple DTUs, you can click "Add DTU" to input more DTU and microinverter SN.

6. Enter Add Array information and pv modules will be automatically laid out, and click "Next" when layout is complete.

<		PV Modu	ule Layo			<		PV Modu	ıle Layou	ıt	Ē
					:=	25562					:=
						1161596 32589-1	1161596 32596-3	1161596 32589-4	1161596 32596-1	1161596 32596-4	1161596 32589-2
(0-0)	(0-1)	(0-2)	(0-3)	(0-4)	(0-5)	(0-0)	(0-1)	(0-2)	(0-3)	(0-4)	(0-5)
(1-0)	(1-1)	(1-2)	(1-3)	(1-4)	(1-5)	(1-0)	(1-1)	(1-2)	(1-3)	(1-4)	(1-5)
(2-0)	(2-1)	(2-2)	2-3)	(2-4)	(2-5)	(2-0)	(2-1)	(2-2)	(2-3)	(2-4)	(2-5)
		Load	ding								
Cancel		bbA	Array			(3-0)	(3-1)	(3-2)	(3-3)	(3-4)	(3-5)
Guileol		7144	,								
* Array N	Name				23	(4-0)	(4-1)	(4-2)	(4-3)	(4-4)	(4-5)
* Azimut	th				0						
* Inclina	tion				0	(5-0)	(5-1)	(5-2)	(5-3)	(5-4)	(5-5)
* Layout	Pattern			н	V				品	+ Row	+ Column
							Drevious			Novt	
		S	ave				Previous			Next	

Note: You can adjust modules according to the actual installation.

7. Upload "Installation Map" of the plant, or you can also directly click " Next " to start more settings of the plant.



Previous	Next

8. You can decide whether to enable the export management, fill in the remaining information about the plant.



	_	
Previous		Finish
+	Plants	Q
았 Plant Status	Large Comm	erical Plant
Plant Quantity - 1		
☆ Dem  1.2 kw ⑨ 中国浙江省杭州市拱書	no25 r 逐区 Deyue Restau	⊘ … ant(万达商业中心店)
83		0

Note: Please note that the Export Management and Power Balance Config functions are only available for DTU-Pro and DTU-Pro-S devices Additionally, these two functions cannot be used simultaneously.

# 2. How do I change the login password?

1. Log in to your distributor/installer account.

		Language
	S-MILES CLOUD	
A HZGYA		~
₿		
		Forgot Password
No Account	Login	Demo Account
<	Privacy Policy> <user agree<br="">Hoymiles Power Electronics II</user>	ment> nc.

2. Select "Reset Password" under "Me" from the main page, enter the old password and new password, and press "Comfirm".

Ме		< Reset Password	
③ My Account	>	* Original Password Enter	Ø
A Depart Department	<u>`</u>	* New Password Enter	Ø
	/	* Confirm Password Enter	Ø
A Language	>	Password must be between 6 and 20 characters, consisting of letters, numbers, or special characters.	
① About Us	>		
I Grant Data Permissions	)	Confirm	
Log out			

# 3. How do I change the language?

Select "Language" under "Me" from the main page and choose the language you prefer.

Ме	< Language
③ My Account >	中文
A Reset Password	English
	Українська
A Language	Français
① About Us >	Polski
♂ Grant Data Permissions	Deutsch
	русский
Log out	Türkçe
	Español
	Português
	Nederlands
	ภาษาไทย
	العربية

## 4. How do I check the app version?

Select "About Us" under "Me" from the main page, where you will find the current version under "Current Version".

Ме	< About Us
My Account	About Us >
Reset Password	Privacy Policy >
A Language	User Agreement
	Current Version V1.1.3 >
1 About Us	
Grant Data Permissions	
Log out	

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## 5. How do I change the plant information?

1. Choose the plant that you want to change, press the "Edit" button, and enter the plant edit page.

+	Plants	Q	< Edit Plant	
Plant Status	Plant Type 🔒		Plant Information	>
Plant Quantity - 1			O) Owner Information	>
<ul> <li></li></ul>	HOW_3kW 18 (UTC+08)		Devices	>
© 2F32+FF Kirtland Air	Force Base, Albuquerque, NM,	$\odot$	袋 Layout Design	>
			🔊 Installation Map	>
			Settings	>

2. Choose "Plant Information" and edit information, then press "Save" to complete the change.

<	Edit Plant	
Plant Information		>
O) Owner Informatio	on	>
<ul><li>Devices</li></ul>		>
🖧 Layout Design		>
🔊 Installation Map		>
<ul> <li>Settings</li> </ul>		>

	Plant Information
* Plant Name	SHOW_3kW
* Plant Type	Residential Plant
*Capacity(kW	) 3
* Time Zone	(UTC+08:00) Beijing,Chongqing,Hong Kong,Urumqi >
* Address	2F32+FF Kirtland Air Force Base, Albuquerque, NM, USA
* Region	United States/New Mexico/Curry/Broadview >
Upload Photo	



Supports JPG, PNG or JPEG formats, 5MB or less

Save

# 6. How do I change the owner information?

1. the plant that you want to change, press the "Edit" button, and enter the plant edit page.

+	Plants	Q	<	Edit Plant	
Plant Status	Plant Type 🔺	Į	Plant Information		>
Plant Quantity - 1			کی Owner Informatio	n	>
<ul> <li></li></ul>	HOW_3kW 18 (UTC+08)	G	Devices		>
3 kW 2F32+FF Kirtland Air	Force Base, Albuquerque, NM,	···· F	🖁 Layout Design		>
		٩	Installation Map		>
		C	• Settings		>

2. Choose "Owner Information", where you can add a new owner or choose an existing owner, delete the login account, then press "Save" to complete the change.

<	Edit Plant	< Owner Informatio	n
Plant Information	>	Q Select Owner	O Ct
Owner Informatio	n >	Alice	<b>a</b>
Devices	>	Login Account: HZFYB	Ш
🖧 Layout Design	>		
🔊 Installation Map	>		
<ul> <li>Settings</li> </ul>	>		
		Save	

Note: When you select "Choose Owner", please note that the owner account needs to be under the same organization.

#### 7. How do I edit devices?

1. Choose the plant that you want to change, press the "Edit" button, and enter the plant edit page.

+	Plants	Q	< Edit Plant	
	Plant Status 🖌 Plant Type 🖌		Plant Information	>
Plant Qu	antity - 1		O) Owner Information	>
		_	Devices	>
© 2F32-	+FF Kirtland Air Force Base, Albuquerque, NM, I		器 Layout Design	>
			🕥 Installation Map	>
			Settings	>

2. Choose "Devices", where you can click "Edit" button to change the original DTU and MI SNs or click "Add DTU" to add new DTU and MI SNs.

<	Edit Plant		<	Bind Devices
Plant Informatio	n	>	DTU-SN	10F232900042
Q) Quer en Informati			Micro-SN	10101114004D
	on	>	Micro-SN	1010111400B2
Devices	2	>	Micro-SN	101011141009
었 Layout Design		>	Micro-SN	101019941000
			Micro-SN	10101114005C
🕥 Installation Map		>	Micro-SN	101011141005
Settings		>	Micro-SN	10101114006D
			Micro-SN	102011140055
			Micro-SN	102022200126
			Micro-SN	102011141012

Micro-SN

+ Add DTU

101011141004

Edit

Save

## 8. How do I re-allocate the layout?

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1. Choose the plant that you want to change, press the "Edit" button, and enter the plant edit page.

+	Plants	Q	< Edit Plant	
Plant	Status 🖌 Plant Type 🖌		Plant Information	>
Plant Quantit	ty - 1		O) Owner Information	>
	SHOW_3kW 2023-04-18 (UTC+08)		Devices	>
<ul> <li>2F32+FF K</li> </ul>	3 kW	 Usi	🔀 Layout Design	>
			🔊 Installation Map	>
			Settings	>

2. Choose "Layout design", where you can select the panel you want, and then press where you want to place it.

<	Edit Plant		<		PV Modu	ule Layou	ıt	
Plant Informat	ion	>	101019941					
O) Owner Informa	ation	>	000-1					
Devices		>	Default ar	ray				:=
요 Layout Design	K	>	(0-0)	(0-1)	(0-2)	(0-3)	10101114 005C-1 (0-4)	10101114 1005-1 (0-5)
🔊 Installation Ma	q	>				10101114 1009-1		
<ul> <li>Settings</li> </ul>		>	(1-0)	(1-1)	(1-2)	(1-3)	(1-4)	(1-5)
							10101114 00B2-1	10101114 004D-1
			(2-0)	(2-1)	(2-2)	(2-3)	(2-4)	(2-5)
			(3-0)	(3-1)	(3-2)	(3-3)	(3-4)	(3-5)

(4-0)

(5-0)

(4-1)

(5-1)

(4-2)

(5-2)

(4-3)

(5-3)

回

(4-4)

(5-4)

+ Row

(4-5)

(5-5)

+ Column

## 9. How do I change the installation map?

1. Choose the plant that you want to change, press the "Edit" button, and enter the plant edit page.

+	Plants	Q		Edit Plant	
Plant Status	Plant Type		₽	Plant Information	>
Plant Quantity - 1			00	Owner Information	>
	SHOW_3kW I-18 (UTC+08)	-	11 11	Devices	>
2F32+FF Kirtland A	ir Force Base, Albuquerque, NM,	 	쁊	Layout Design	>
			2	Installation Map	>
			•	Settings	>

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#### 2. Choose "Installation Map", where you can upload or delete installation map pictures.

< Edit Plant		< Installation Map
Plant Information	>	Upload Photo Supports JPG, PNG or JPEG formats, 5MB or less
Owner Information	>	
Devices	>	
😪 Layout Design	>	
Installation Map	>	
( Settings	>	

Save

## 10. How do I change the plant settings?

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1. Choose the plant that you want to change, press the "Edit" button, and enter the plant edit page.

+	Plants	Q	< Edit Plant	
*	Plant Status 🖌 Plant Type 🖌		Plant Information	>
Plant G	Quantity - 1		Over Owner Information	>
	<ul> <li>SHOW_3kW</li> <li>2023-04-18 (UTC+08)</li> </ul>		E Devices	>
Ø 2F3	32+FF Kirtland Air Force Base, Albuquerque, NN	2) M, US	況 Layout Design	>
			🕥 Installation Map	>
			( Settings	>

2. Go to "Settings", input the relevant information, then press "Save" to complete the changes.

< Edit Plar	ıt	< Settings	
Plant Information	>	Export Management	
O) Owner Information	>	Power Balance Config	
Devices	>	Plant Name	Demo25
6-0 Layout Design	>	Currency	Select >
S Installation Map	>	Electricity Price per Unit	Enter
Settings	>	Allow Owner to View Layout	
		Networking ②	

Previous

Finish

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## 11. How do I set zero export management?

1. Choose the plant that you want to change, press the "Edit" button, and enter the plant edit page.

+	Plants	Q	< Edit Plant	
Plant Status	Plant Type		Plant Information	>
Plant Quantity - 1			Owner Information	>
	OW_3kW 3 (UTC+08)	-	Devices	>
Skw 2F32+FF Kirtland Air F	orce Base, Albuquerque, NM,		🖧 Layout Design	>
			🔊 Installation Map	>
			(*) Settings	>

2. Go to "Settings" and open "Export Management" button and please refer to "Technical Note\_Export Management Guide of Hoymiles Microinverter System\_EMEC&APAC\_EN" to set zero export function.

< Edit Pl	ant	< Settings	
Plant Information	>	Export Management	
Owner Information	>	Power Balance Config	
Devices	>	Plant Name	Demo25
🖧 Layout Design	>	Currency	Select >
🕥 Installation Map	>	Electricity Price per Unit	Enter
Settings	>	Allow Owner to View Layout	
		Networking ③	

Previous	Finish

< Export Mar	nagement	< Export Manag	ement
Grid Type			
		Meter Location	
Single-phase Grid 230V	400V	Grid Meter B	0
5 41	5 L1	Enter the meter SN	
		Solar Meter C	
Split-phase Grid 120V/ 240V	Three-phase Grid 120V/ 208V		
Meter Location		Export Control	
Load Meter A			
Grid Meter B		* Export Power Limit	0 kW
Enter the meter SN			
Solar Meter C			
Sau	/e	Save	

#### 12. How do I issue networking commands?

1. Choose the plant that you want to change, press the colon on the right, and the networking command button will appear.



2. Press "Networking" button, the command is sent to the DTU if you see the "Command issued successfully" message.



• Choose the plant that you want to change, press the "Edit" button, and enter the plant edit page.

+	Plants	Q	< Edit Plant	
Plant Status	Plant Type 🔒		Plant Information	>
Plant Quantity - 1			လ္ Owner Information	>
	HOW_3kW -18 (UTC+08)		Devices	>
3 kW 2F32+FF Kirtland Ai	r Force Base, Albuquerque, NM,		況 Layout Design	>
			S Installation Map	>
			Settings	>

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#### • Go to "Setting", open the "Networking" button, and press "Save".

< Edit Plant		< Settings	
Plant Information	>	Plant Name	SHOW_3kW
ON Owner Information	>	Currency	CNY >
Devices	>	Electricity Price per Unit	1234
🚼 Layout Design	>	Allow Owner to View Layout	
🕥 Installation Map	>	Networking ③	$\bigcirc$
Settings	>		N.

Save

## 13. How do I open/close a layout for the owner?

1. Choose the plant that you want to change, press the "Edit" button, and enter the plant edit page.

+	Plants	Q		Edit Plant	
Plant Status	Plant Type 🔒		Plant Informat	ion	>
Plant Quantity - 1			O) Owner Informa	ation	>
<ul> <li></li></ul>	HOW_3kW 18 (UTC+08)		Devices		>
<ul> <li>2F32+FF Kirtland Air</li> </ul>	Force Base, Albuquerque, NM, I	)s,	🔀 Layout Design	1	>
			🔊 Installation Ma	ар	>
			<ul> <li>Settings</li> </ul>		>

#### 2. Go to "Settings", press the "Open Layout" switch, then press "Save".

< Edit Plant		< Settings	
Plant Information	>	Plant Name	SHOW_3kW
Owner Information	>	Currency	CNY >
Devices	>	Electricity Price per Unit	1234
🔀 Layout Design	>	Allow Owner to View Layout	
🖒 Installation Map	>	Networking 📀	
Settings	>		
'			

Save

3. If you want to close the layout, close the switch.

< Settings	
Plant Name	SHOW_3kW
Currency	CNY >
Electricity Price per Unit	1234
Allow Owner to View Layout	
Networking ⑦	

Save

## 14. How do I view the alarm list (for all plants)?

Select "Alarm" under "O&M" from the main page to enter the alarm page.



## 15. How do I issue network configuration commands for 3rd Gen DTUs?

1. Select "Network Config" under "O&M" from the main page, and then choose the networking method.





2. Select the router Wi-Fi and enter the password. Click "Send to DTU" once the networking method is selected. The command is successfully sent to the DTU if you see the "Connection Succeeded".

< Network C	onfig	< Netwo	rk Config
DTU AP Password Setting	>	DTU AP Password Setting	
Ethernet	Wi-Fi	Ethernet	Wi-Fi
0	۲	0	۲
Please select a WiFi network and diagonal work a	Conan	Pler Command i Senc	s being issued.

<	Network Config	
DTU AP Pass	word Setting	>
	Connection Succeeded 56 S	
DTU	Router	Server
Networking Network ou Are you co Time to con	Status: Connection Succeeded Mode: Wi-Fi Iality: 90% Inect to the server?: Connection Inect to the server: 2023-04-25	on Succeeded 15:54:47
Rec	configure Fil	hish

## 16. How do I set DTU AP password?

1. Select "Network Config" under "O&M" from the main page, and enter the Network Config page.





2. Select "Network Config" under "O&M" from the main page, and enter the Network Config page.

<	Network Config		< DTU AI	P Password Setting	
DTU AP Password S	etting	>	DTU AP Password Settin	ng	
			* New Password	alice123	$\odot$
			* Confirm Password	alice123	$\odot$
	···		Password must be betwee letters, numbers, or spec	een 8 and 16 characters, cons sial characters.	sisting of
Ethernet	Wi-Fi				
	۲			Send to DTU	
Please select a WiFi	network and enter the password.				
Wi-Fi	Conan	$\sim$			
Password					
	Send to DTU				

3. Select "Network Config" under "O&M" from the main page, and enter the Network Config page.



Settings	WLAN	Edit
WLAN		
MY NETWORKS	5	
DTUP-62	809600	≈ (i)
HM_OFFI	CE	🔒 🗢 🚺
OTHER NETWO	DRKS	
chuneng1	I	∎ <del>?</del> (i)
DTUP-81	002917	≗ ≈ (ì
HM_GUE	ST	ê ବ i
HM_RDC		🔒 🗢 🚺
HP-Print- LaserJet I	04-Color Pro	l 奈 (į́)
Lenovo_4	0A7	🔒 🗟 🚺
Other		
Apps Using	WLAN & Mobile	Data >

#### 17. How do I use the MI Toolkit for 3rd Gen DTUs?

1. Select the "MI Toolkit" under "O&M" from the main page to enter the local page.



2. There is a loading period (roughly around 10-20 secs) before entering into the local page.



<		
Cloud com		
Last time D	TU connected to the platform: WIFI	
Last conne	ection time: 2021-07-23 14:46:56	
Power ger	neration and control	
Total powe Update tim	er: 0W ne: 2021-07-23 14:49:22	
Microir		
MI No.: Commu	3.15	>
DTU In	DTU uploading data	>
DTU ID	Cancel	
		Cloud



3. View the local data by pressing "Overview", "Power generation", Connection Status" and "Cloud".

C Overview		< MI powe	er generation ar	nd contro
ud communication		Add Device		Self-ch
st time DTU connected to the platform: WIFI		MI-SN	Current genera	ation pow
st connection status: 奈		104013141502	ow	
st connection time: 2021-07-23 14:46:56		104013141504	ow	
wer generation and control	>	104013141501	000	
al power: 0W date time: 2021-07-23 14:50:34				
croinverter status				
No.: 3				
mmunication succeeded: 0, Offline: 3	>			
(U Information	>	<u></u>		
Cherview Power generation Connection Status	Cloud	Civerview Power	generation Connection	<b>Ç</b> on Status
MI connection DTU status	-	< Cic	oud communica	ition
		Connection Status		
((c.		Last time DTU conne	ected to the platfo	m: WIFI
4013141502 104013141504 104013141501		Last connection time	e: 2021-07-23 14	46:56
		Last connection stat	us: 奈	
		Connect to the phon	e this time : 奈	
		Network config		
		WIFI		
		*If you need to change to	he Internet mode, plea	ase go to th

#### 18. How do I view the module layout?

Enter the plant that you want to view, press the parallelogram icon on the bottom, then you will be able to see all panels' details under this plant. This will include the power and energy of each panel.



#### 19. How do I find the device details?

Enter the plant that you want to view, press the rectangle icon on the bottom, then press "Device List" button to view DTU and MI details.

+	Plants	Q	< SHOW_3kW	
Plant S	Plant Type 🔒		E Plant Details	>
Plant Quantity	- 1		≣ Device List	>
	SHOW_3kW 2023-04-18 (100 ≠ 08)		Communication	>
2F32+FF Kirt	3 kW tland Air Force Base, Albuquerqu	Ie, NM, USA	③ Plant Revenue	>
83		0	@ <u>lal</u> #	*

	Device List		
Microinverter		Statu	s
⊚ 101011141004		٢	>
		٢	>
		۲	>
		٢	>
		۲	>
≈ 101011141005		۲	>
중 10101114005C			>
🕅 101019941000		۲	>
중 101011141009		۲	>
			>
		٢	>

## 20. How do I replace a device?

1. Enter the plant that you want to view, press the rectangle icon on the bottom, then press the "Device List" button.



2. Choose the MI that you want to replace and press the "Replace Device" button to enter a new MI SN.

	Device List		
Mic	croinverter	Statu	s,
(((-	101011141004	۲	>
((:	102011141012	۲	>
((:	102022200126	۲	>
((;	102011140055	۲	>
((;	10101114006D	۲	>
((:	101011141005	۲	>
((:	10101114005C		>
*	101019941000	٢	>
(((;	101011141009	٢	>
(((;	1010111400B2		>
((:	10101114004D	۲	>

<	101011141	004 🕕
Plant		SHOW_3kW
DTU		10F232900042
Hardware Ver.		H07.00.01
Software Ver.		V00.02.32
Device Replacement	Record	2 >
Creation Time	2021-06	-08 10:32:24(UTC+08)
Alarm Status		(
Turn On		Turn Off
Restart		Replace
Delete		

		141004		111
Plant			SHOW_3k	w
DTU			10F23290004	42
Hardware Ver.			H07.00.	01
Software Ver.			V00.02.	32
Device Replacement	Record			2 >
Cr	Replace	e Device		
Ali	101011	141004		
Enter			Ξ	
Cancel			Confirm	
Delete				

#### 21. How do I turn the MI on/off remotely?

1. Enter the plant that you want to view, press the rectangle icon on the bottom, then press the "Device List" button.



2. Choose the MI that you want to turn on/off and press the relevant button.

	Device List		
Microinverter		Status	
奈 101011141004	•	۲	>
	2	۲	>
	6	۲	>
≈ 10201114005	5	۲	>
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	101011141004
Plant	SHOW_3kW
DTU	10F232900042
Hardware Ver.	H07.00.01
Software Ver.	V00.02.32
Device Replacement I	Record 2
Creation Time	2021-06-08 10:32:24(UTC+08)
Alarm Status	
Turn On	Turn Off
Turn On Restart	Turn Off Replace

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Plant		SHOW_3kW
DTU		10F232900042
Hardware Ver.		H07.00.01
Software Ver.		V00.02.32
Device Replacemen	t Record	2 >
Creation Time	2018-06-01 17	:15:30(UTC+08)
Alarm Status		Ŕ
Are y	Confirm ou sure you want to tu the device?	irm on