

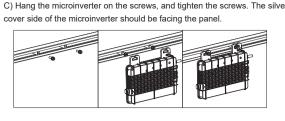
A	C D E F
Item	Description
Α	PV connectors
В	M8 * 25 screws (Prepared by the installer)
С	AC Male connector
D	AC Trunk Connector
Е	AC Trunk Cable 12/10AWG Cable
F	AC Trunk Disconnect Tool
G	AC Trunk End Cap
Н	AC Trunk Port Cap

*Note: All accessories above are not included in the package and should be purchased separately. Please contact Fox ESS sales for the latest

Add Device

Installation Steps The order of Step 1 and Step 2 can be reversed according to your planned needs. Step 1. Plan and Install the Microinverter

A) Mark the position of each microinverter on the rail according to the PV module layout. B) Fix the screws on the rail. C) Hang the microinverter on the screws, and tighten the screws. The silver



1. There is an earth wire inside the wire cable and the grounding can be done directly by this wire. If external grounding is needed, the grounding electrode, as shown on the right, can be used to bond the mounting bracket to the racking. Torque each grounding cleat screw to 2 N•m. 2. Install the microinverter and all DC connections under the PV module to avoid direct sunlight, rain exposure, snow buildup, UV, etc.

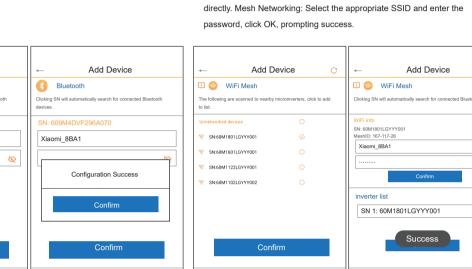
3. Leave at least 2 cm of space around the microinverter enclosure to ensure ventilation and heat dissipation. 4. Mounting torque of the 8 mm screws should be 9 N·m.Please do not

5. Do not pull or hold the AC cable with your hand.

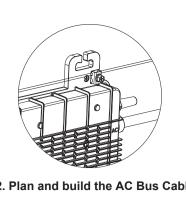
Bluetooth

Select the appropriate SSID and enter the password, click OK, prompting

Add Device Add Device Bluetooth Xiaomi_8BA1



WiFi Mesh



Step 2. Plan and build the AC Bus Cable

AC Trunk Cable is used to connect the microinverter to distribution box. A) Select the appropriate AC Trunk Cable according to the spacing between microinverters. The connector spacing of the AC Trunk Cable should be close to spacing between microinverters to ensure that they are well-matched. (Hoymiles provides AC Trunk Cable with different AC Trunk Connector spacing.)

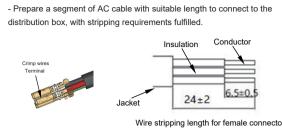
B) Determine how many microinverters you plan to install on each AC branch and prepare AC Trunk Connectors accordingly

The first time you use it (there is no mesh network around, if there is a

mesh network, see step 3 directly), you will jump to the allocation page

Add Device

C) Take out segments of AC Trunk Cable as you need to make AC branch.



3) Install AC end cable on the other side of AC Trunk Cable (connected

2) Install the AC Trunk End Cap at one side of AC Trunk Cable (the end

End Cap

1) Installation of the AC bus (as shown)

of AC Trunk Cable)

Step 2: After Step 1 prompts for success, click - to return to the Add Device-WiFi Mesh device selection page, or wait for the APP to detect it and automatically return to the previous page.

Step 2 After returning to the WiFi Mesh device selection page, wait for 30s, click the Refresh button on the upper right corner, Group xxx-xxx-xxx, and the column of ungrouped devices will appear, check Group, and in the column of ungrouped devices, check the SN corresponding to the purchased device, and then click Confirm, and enter the WiFi Mesh page.

← Add Device	e C	← Add Device	ce (
🕕 🐵 WiFi Mesh		U WiFi Mesh	
The following are scanned to nearby microinv to list.	erters, click to add	The following are scanned to nearby microi to list.	nverters, click to add
Group: 167-117-26	⊘	Group: 167-117-26	
SN:60M1801LGYYY001			
Unnetworked devices	0	Unnetworked devices	
SN:60M1601LGYYY001	0	SN:60M1601LGYYY001	
SN:60M1102LGYYY002	0	SN:60M1102LGYYY002	
SN:60M1122LGYYY001	0	SN:60M1122LGYYY001	
Confirm		Confirm	

- Run the cable into the sleeve assembly.(AC Male connector)

- Pushing terminal into the body.





The inverter list lists the devices selected on the previous page, if you still need to add, you can click (+) to add more than one SN. if you make a mistake in the input, you can click the corresponding SN after u.

	← Add Device		←	Add	d Device	Э
	U WiFi Mesh		₩ 🐠	WiFi Mesh		
	Clicking SN will automatically search for connected Blu	uetooth devices.	Clicking	SN will automatically s	earch for conn	ected Bluetooth d
	WiFi info SN: 60M1801LGYYY001 MeshID: 167-117-26		MeshID:	1801LGYYY001 167-117-26		
7	Xiaomi_8BA1	8	Xiaon	sN		H
	Confirm inverter list	(+)	in	Cancel		Confirm
	SN 4: 60M1601LGYYY001	Û	SN	4: 60M1601LG	/YY001	,
+	SN 3: 60M1102LGYYY002	Û	SN	3: 60M1102LGY	YY002	
	SN 2: 60M1122LGYYY001	Û	SN	2: 60M1122LGY	YY001	,
	Confirm			C	Confirm	
	III O	<	III			<

1. Tightening torque of the cap: 2.0±0.5 N·m. Please do not over-torque.

2. Do not damage the sealing ring in the AC Trunk Connector during disassembly and assembly.

A) Push the AC Sub Connector from microin - verter to the AC Trunk

B) Connect the AC end cable to the distribution box, and wire it to the

After you add the SN in step 4, click Confirm, and when prompted for

Description: 🤝:Device network is normal, 🦠:Device network is abnormal

Note 1: Don't delete the SN in the current page during the first networking

Note 2: If you want to add a device to a mesh network and find that the

device cannot be selected in other mesh networks, there are two ways:

Way 1: Enter the mesh network where the current device is located, find

Way 2: Enter the device you want to set up, and click the Clear button in

success, the operation is complete and you can click -.

process, otherwise the operation is invalid.

the related device in the inverter list, and delete it.

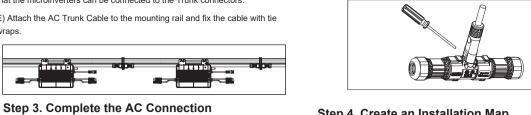
the upper right corner 쓹.

Connector until it clicks.

local grid network.

it water and dust-proof.

D) Repeat the above steps, lay out the cable on the rail as appropriate so that the microinverters can be connected to the Trunk connectors. E) Attach the AC Trunk Cable to the mounting rail and fix the cable with tie



Step 4. Create an Installation Map

Logic Description:

is not networked))

the initial state.

MeshID is read in the device.

channeling surface.

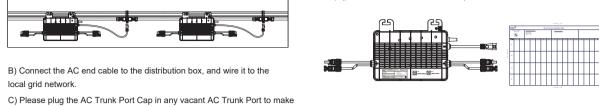
Sub Connector to complete the removal.

A) Peel the removable serial number label from each microinverter. B) Affix the serial number label to the respective location on the installation map (please refer to the User Manual).

1. Make sure that the AC Trunk Connectors are kept away from any water-

2. In case you need to remove the inverter AC cable from AC Trunk

Connector, please use the Tool and insert the tool into the side of AC



1. normal disconnection: change MeshID, configure member list

2. Initial state, meshID is undefined, every time you enter the allocation

web page, APP randomly generates and sends MeshID to the device

along with the allocation network instruction. (Reset to the initial state

method: equipment access to the network, the member list is set to send

empty, or member devices do not add the device (provided that the device

3. After the device writes the MeshID, every time you enter the APP, the

4. The device cannot be added to the member list when it is not connected

to the network, and the device can be added to the member list when it is

not connected to the network. When the device is in more than one

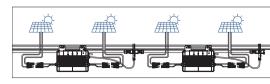
one group until it is randomly added by restarting again.

member list, it will be added randomly, and will not change after joining

5. Delete other devices in the member list, and the other devices return to

A) Mount the PV modules above the microinverter. B) Connect the PV modules' DC cables to the DC input side of the microinverter.

Step 5. Connect PV Modules



Step 6. Energize the System

A) Turn on the AC breaker for the branch circuit. B) Turn on the main AC breaker for the house. Your system will start to generate power in about two minutes.

Step 7: APP Installation

Scan the QR Code below to download and install the FoxCloud



HUAWEI AppGallery Google Play Apple App Store

6. If there is a Mesh network, configure the wrong password, other devices

return to the initial state, and the root node retains the MeshID and

7. When the device is connected to the network but not in the state of

networks, and the device MeshID will be changed to be consistent with the

8. Page Logic: 1. Add Device-WiFi Mesh Device Selection Page displays

the retrieved devices around the device, and does not display the ones

Group where the device is located will be selected by default. 3. If the

search SN is in the column of the un-networked device, the SN will be

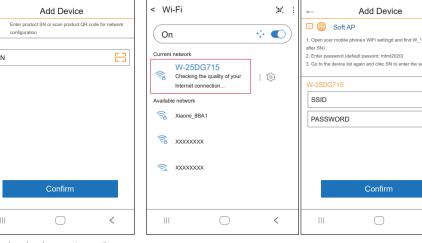
selected by default. 4. If the SN is not in the list, it means that there is no

that are not in the vicinity of the Group. 2. If the search SN is in Group, the

member list.

mesh network.

Bluetooth in the vicinity.



Soft AP

In the WiFi settings page, select the device WiFi, click Back.

Select the appropriate SSID, and enter the password, click OK, prompted

can be accessed by clicking directly on the Decive page.

Configuration

allow APP to use WiFi, Bluetooth, positioning.

page, click the connection after the ?

Prerequisites: Turn on the cell phone WiFi, Bluetooth, positioning, and

If all the above conditions are met, but APP still can't search for the device,

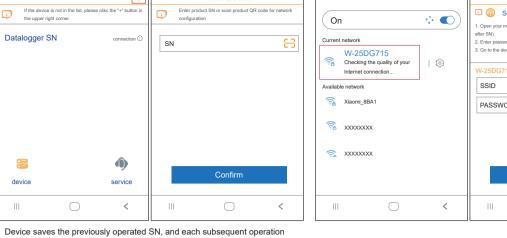
turn off the cell phone WiFi, Bluetooth, positioning, then turn it on again,

and then check the support network type and description: in the Device

For the first time, click the "+" sign on the upper right corner of the Device

page to enter the Add Device page, enter or scan the product and click

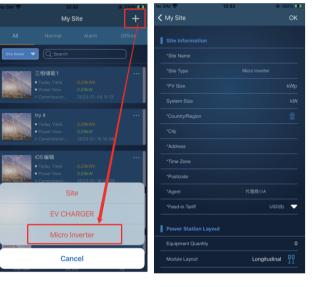
Confirm, different products correspond to different setting pages.



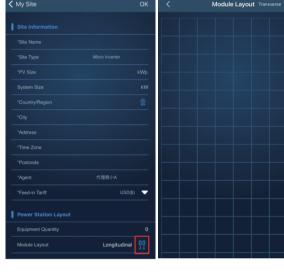


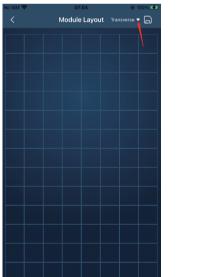
Step1: Log in and enter the page of "my site". network formation (MeshID has been set), it can be joined by other mesh

Step2: Click" + " and choose "Micro Inverter". Then enter the site-creating page.



Step3: Input Site Information as requested. Click "" and enter Module Layout page.





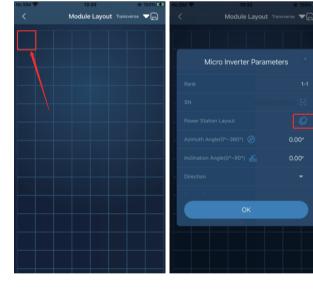
Step4: Click to choose Transverse or Longitudinal layout

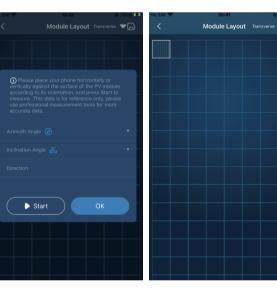


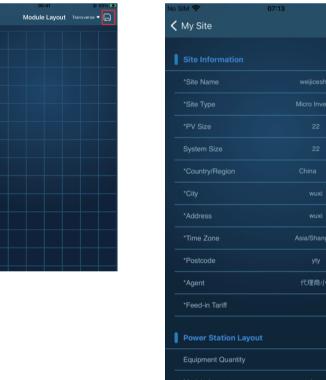
Step5: Click on the grid to select the appropriate location. Fill the relevant information in the "Micro Inverter Parameters" pop-up window. The added Micro Inverter modules can be seen in the component layout after confirmation. After that, creation of Micro Inverter site is completed.

Tip: Click " You can measure the Azimuth and Inclination Angle as well as the Direction from your cell phone. Or you can manually enter the Azimuth and Inclination Angle and

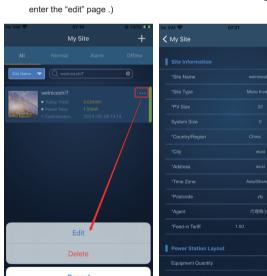
Note: Module Layout - Transverse or Longitudinal are not connected!



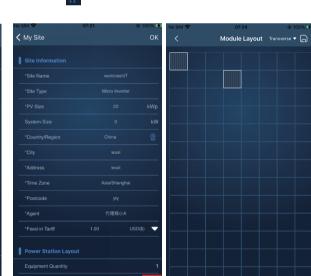




Delete Micro Inverter modules



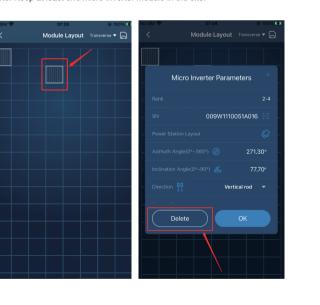
Edit Site page (Select the site needed editing in the list. Click "and and save it. Step1: Click "and enter Module Layout page on the Edit/Create Site page. Micro Inverter Parameters pop-up window and save it.



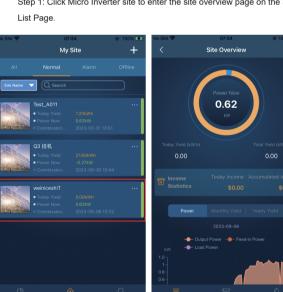
pop-up window on the Module Layout page. Click the Delete button in the

Note: Keep at least one micro inverter module in the site.

Step2: Click the existed modules to bring up the Micro Inverter Parameters



Replay power/generation



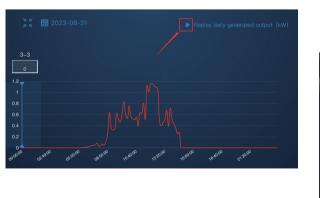
Step 1: Click Micro Inverter site to enter the site overview page on the Site

Step 2: Choose to view power/generation and click "sim" and enter the



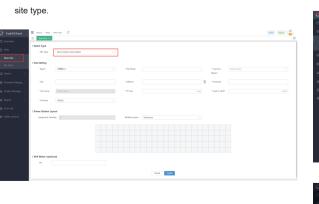


Step 3: Click on the replay button " or click on the graph/bar graph manually to view the power/generation at a particular moment.



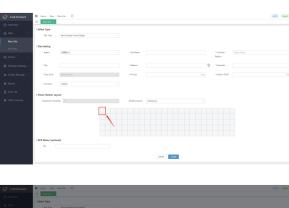
5 Creating Micro Inverter

Step 1: Enter the page of New Site, and select "Micro Inverter site" for



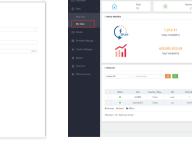
100111111111111111111111111111111111111	Home > Sizes > No.	eville C							1000	Agent
tes .	Select Type She Type	Micro inverter Power Station								
ly 5865	Site Setting	(CBB) A		* She Name			* Country / Region	Please Select		
revure Manag*	* City			* Address		0	* Proteode			
kater Manage "	* Time Zone * Currency	Please Saled USO(s)	v	*Priis			* Feed-in Tariff			
ter Lht.	Power Station Layor			Module Layout	Transverse					
					Longh-dead Transverse					
	Wiff Meter (options	9								

Step 3: Select the appropriate location in the grid and click it. Enter the correct information in the Micro Inverter Parameters pop-up window and click to confirm. Note: Azimuth and Inclination angle may be retained to a maximum of



Step 4: Click the create button after filling all the information. Then the creation of the Micro Inverter Power Station is completed.

USD(\$)



Edit sites page (select the station in the list and click Edit button).

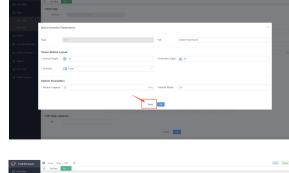
Delete Micro Inverter module



Step 1: Select the Micro Inverter module you want to delete and click.



Step 2: Click Delete in the Micro Inverter Parameters pop-up window. Note: The modules are added incorrectly when creation can be deleted directly.

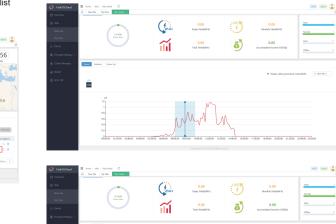


Replay power/generation

Step 1: Select Micro Inverter Site and enter the site details page in the list

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	①	Total 51	9	\$ -	Normal 2			Alarm 6		Office 43	13 : 44	
are Manago**	(Zzuli		To 429	1,313.20 say NeksbWe) (,345,441.10 sat NeksbWe)	o		3		70,522.90 Morany Yeladan IQ Accumulated Inco	144		Afr
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At 100	ns Libel ober 200	v Russ so		ø Q							V RESS	
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ht I Ch	de IN Satus				Protocole	Regionaled &	Spoken Ske 30	PV Ger	Power Cenesting(AN) - 0-26	Today Virid (SVEA) 27.60		_

Step2: View Power/Statistics. Click the replay button " or click the graph/bar manually can view the power/generation at a particular moment.



Please scan the QR Code and follow the steps below to download our latest multi-language User Manual/Quick Installation Guide: Scan the QR Code → Select your Language → Choose to download User Manual or Quick Installation Guide → Download

