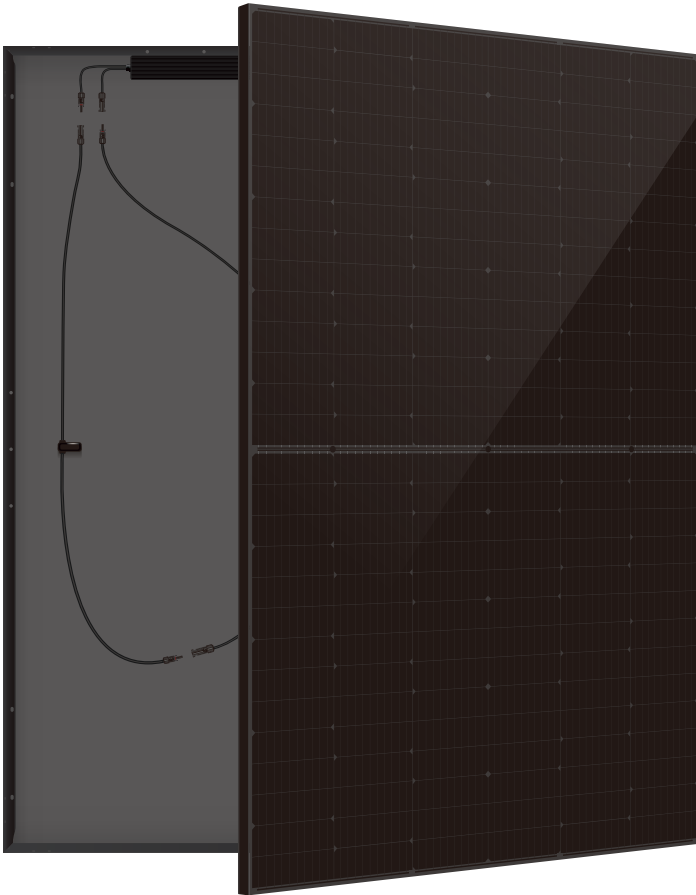


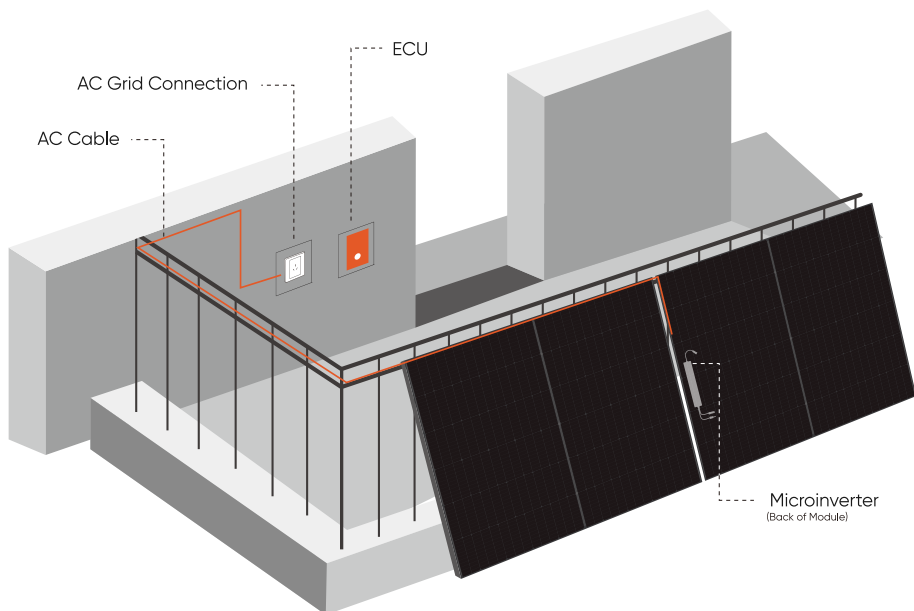
Balcony PV

Installation Instructions









SolarUnit—Integrated PV System

SYSTEM LAYOUT DIAGRAM

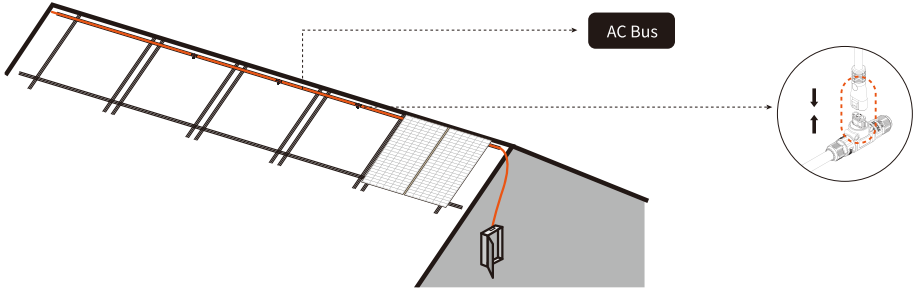


ORIGINAL EQUIPMENT LIST

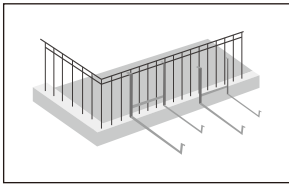
No.	Items	Pictures	Note
1	Modules		Contained
2	Microinverter		Contained
3	ECU Unit		Contained
4	AC Bus (3C/1.5mm ²) Spacing Cable Length 7.0m		Contained
5	Quick Installation Manual		Contained
6	DC Cable Optional Length		Optional Number of Connectors

STEP 1 LAYOUT AC BUS (ROOFTOP REFERENCE)

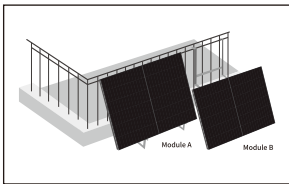
- Pre-arrange the AC bus at a suitable position in the SolarUnit system
- The T-shape connector should be reserved as close as possible to the middle gap between the two modules



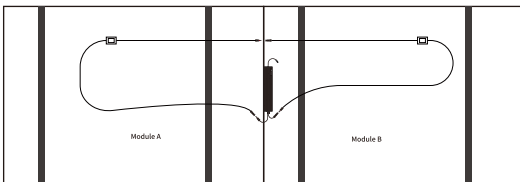
STEP 2 MOUNTING MODULES (BALCONY REFERENCE)



- Install the bracket on the balcony railing and fix it with screws

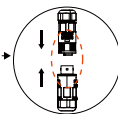
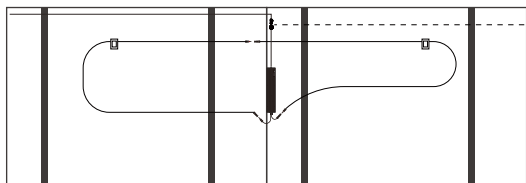


- Install the module A on the bracket and fix it with screws
- Place module B (equipped with microinverter) on the bracket and align it up and down with the module A. The cables of the module A and the module B are on the same side

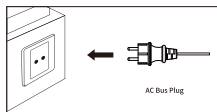


- Connect the module A and the module B in series, and connect the DC MC4 Terminal of the module A and B to the DC MC4 Terminal of the microinverter

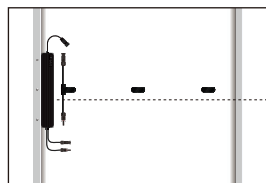
AC CONNECTION AND GRID CONNECTION



- Microinverter AC output cable connected to AC bus



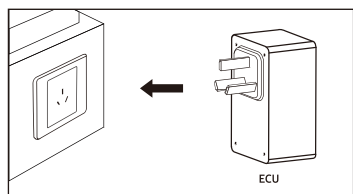
- Insert the AC bus plug into the socket



Each SolarUnit has a detachable serial number label located on the microinverter casing, as shown in the picture: tear off the serial number label and paste it on the corresponding position of the system installation worksheet (as shown in the table below)

String: Position:	Inclination: Date:	Customer:			Installation:		↑
	1	2	3	4	5	6	
A							
B							
C							
D							

INSTALLING ECU



Plug the ECU into the socket

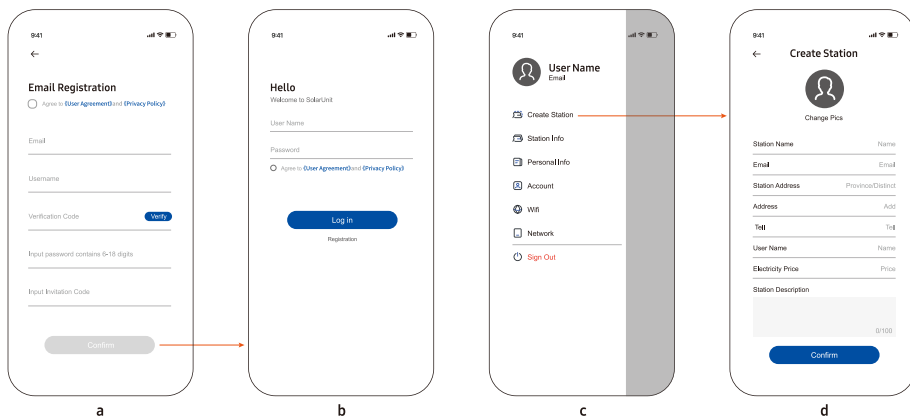
The power supply of the ECU and the power station must be guaranteed to be the same output line, and the place where it is used needs to be connected to a wireless network for energy management and data monitoring

Site Construction Manual



01 / APP Scan and download application

Users & Create



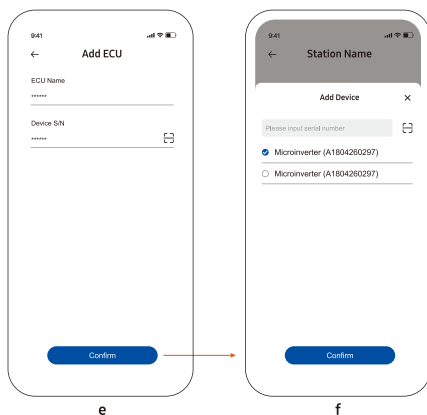
02 / For new users, click the registration button in the lower right corner of the picture above, and return to the home page to log in after registration (Picture a).

03 / Enter the login interface and enter the account password (Picture b).

04 / Successful login, enter the home page, click (...) in the upper right corner, and click "Create Power Station" (Picture c).

05 / Follow the prompts, enter the basic information of the power station in turn, and click "Confirm" (Picture d).

Site Construction Manual



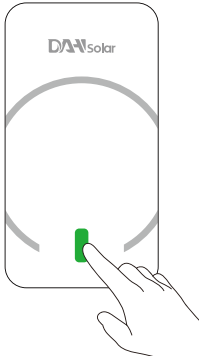
06 / Jump to the ECU adding page, click "Add ECU" in the upper right corner, enter the name and scan the code to enter the SN number (Picture e) (when the system is unpacked).

07 / ECU added successfully, jump to the microinverter adding page, click "Add Microinverter" in the upper right corner (Picture f).

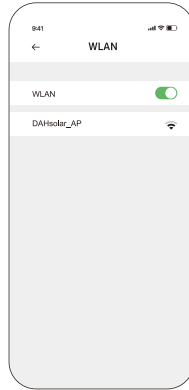
08 / According to the prompt, enter the SN of the microinverter by scanning the code (when the system is unpacked).

09 / After the equipment is added successfully, the newly added microinverter can be seen under the new power station.

Distribution Network

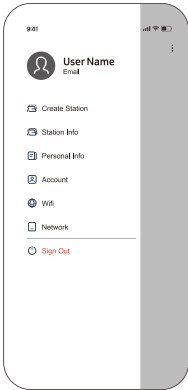


g

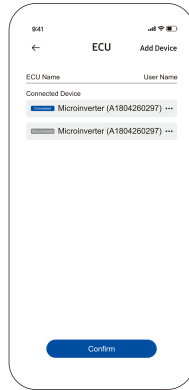


h

- 10 / Long press the LED light on the ECU until the light flashes red and green alternately (Picture g).
 11 / ECU hotspot: connect to the hotspot created by the ECU in the mobile phone settings, "DAHsolar_AP", no password required (Picture h).
 12 / Click (...) in the upper right corner of the home page. Then click "Configure Network" (Picture i).
 13 / Enter the name and password of the home wireless WIFI, click OK, and a pop-up window "OK", which means the distribution network is successful, return to the home page.



i



j

- 14 / Click "Create Complete", the new power station is successfully created (Picture j).

	Red light stays on or quick flashes	Green light stays on or quick flashes		
Microinverter	Fault or do not meet grid connection conditions	Normal grid-connected operation		
ECU	Alternately flashing red and green	Flashing green light	Flashing blue light	Flashing red light
	Waiting for network distribution	Configure the network and connect to the server is completed	Not connected to server	Emergency shutdown

* Be careful not to touch the button during operation, which may cause the microinverter to stop running. In this state, please press the touch button again to make the green light flash to resume operation.

SYSTEM INSTALLATION FORM

String: Position:	Inclination: Date:	Customer:		Installation:		↑
A						
B						
C						
D						



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