

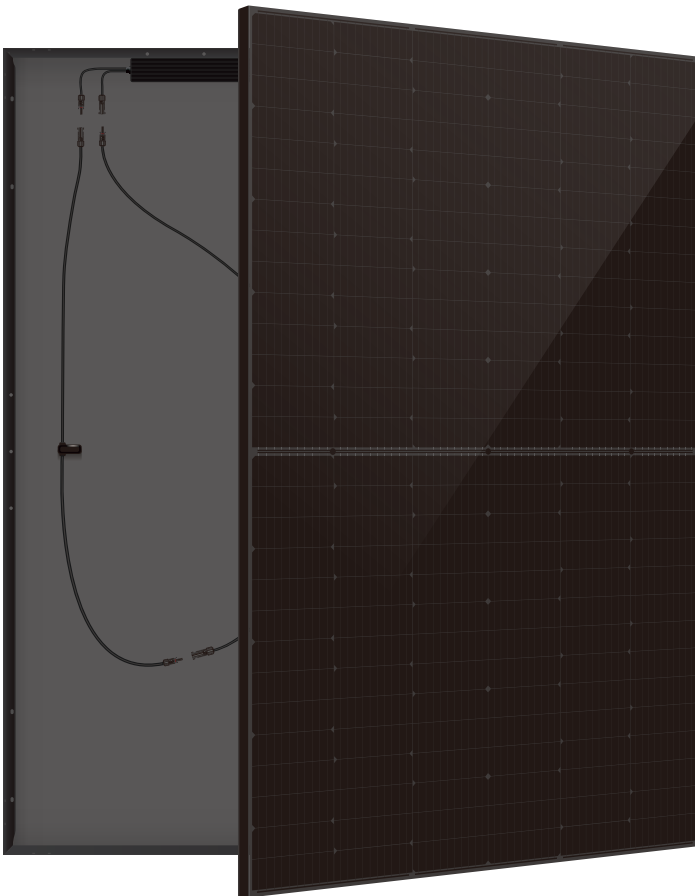
DAHSolar

un Integrated
PV System
SolarUnit

Balcony PV

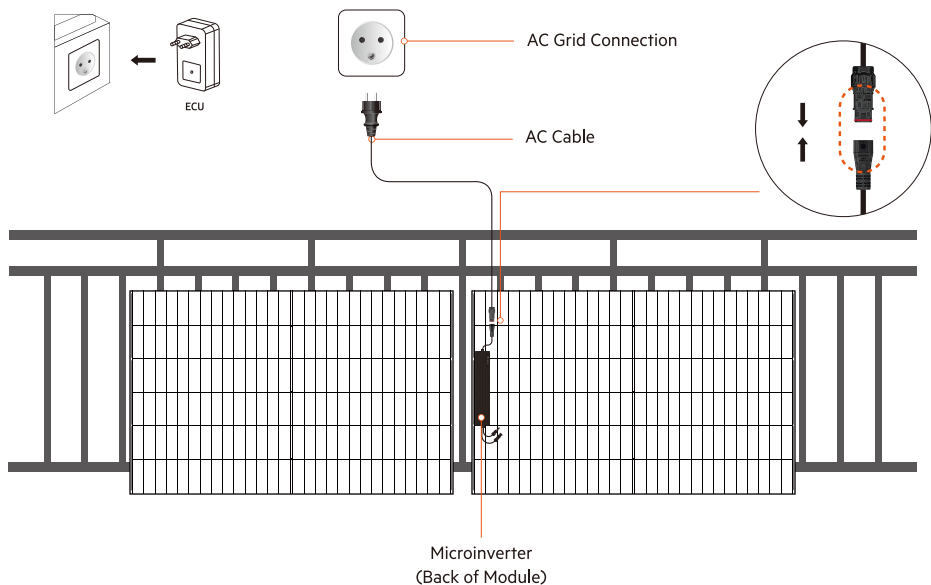
Installation Instructions

(DAH-SU800D-G0)










SolarUnit-Integrated PV System

System Layout Diagram

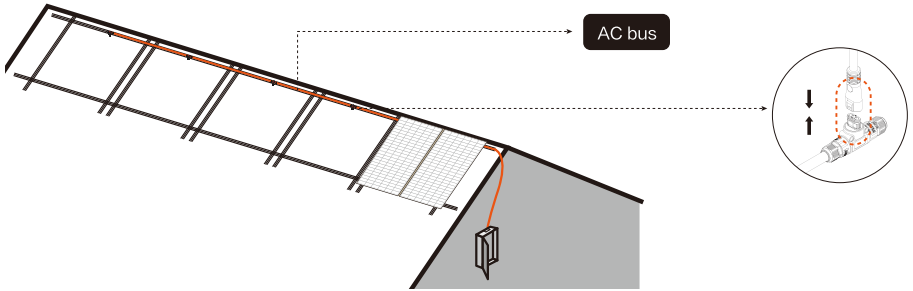


Original Equipment List

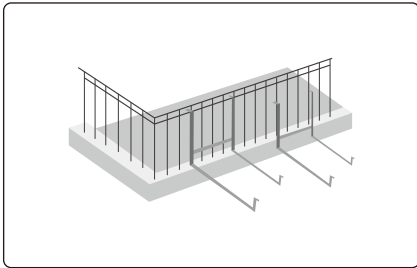
No.	Items	Pictures	Note
1	Module ×2		Contained
2	Microinverter		Contained
3	ECU		Contained
4	AC Bus (3C/1.5mm ²) Spacing Cable Length 7.0m		Contained
5	Quick Installation Manual		Contained
6	DC Cable		Optional Length
7	3m Extension AC Cable/5m Extension AC Cable		Assorting

STEP1 Layout AC Bus (Rooftop Reference)

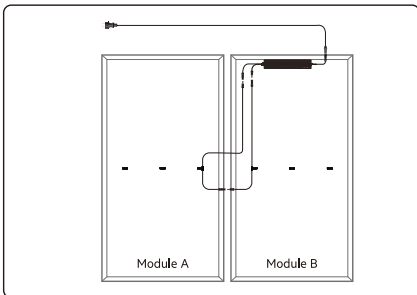
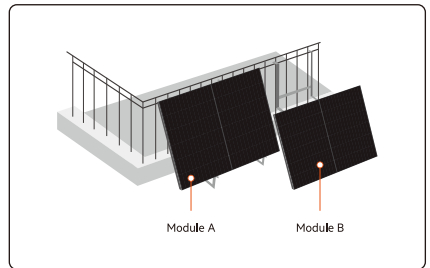
- Pre-arrange the AC bus at a suitable position in the SolarUnit system.
- The T-shape connector should be reserved as close as possible to the middle gap between the two modules.



STEP2 Mounting Modules (Balcony Reference)

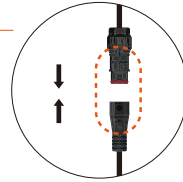
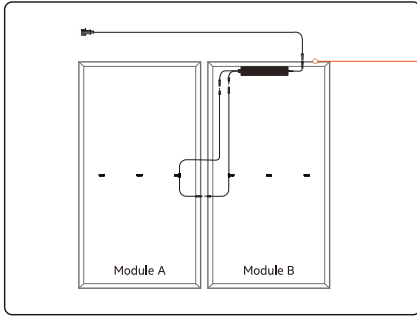


- Install the bracket on the balcony railing and fix it with screws.
- Install the module A on the bracket and fix it with screws.
- Place module B (equipped with microinverter) on the bracket and align it up and down with the module A.



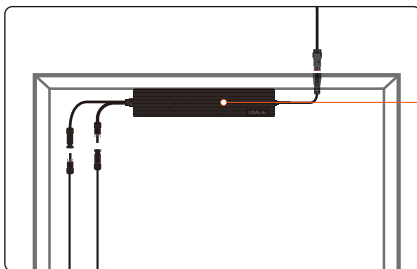
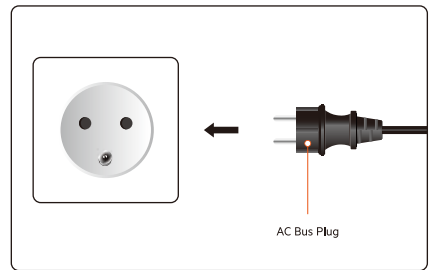
- Connect the module A and the module B in series, and connect the DC MC4 Terminal of the module A and B to the DC MC4 Terminal of the microinverter.

STEP3 AC Connection And Grid Connection



- Microinverter AC output cable connected to AC bus.

- Insert the AC bus plug into the socket.

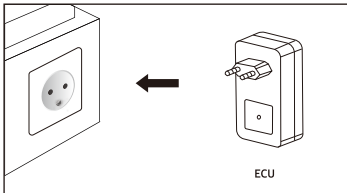


AC23122510001

- 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:		N ↑ W — + — E ↓ S
	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

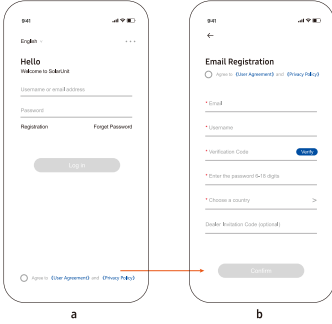
Notes: The ECU is connected to the same phase as the microinverter AC Cable.

Site Construction Manual



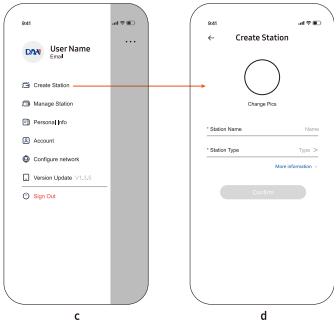
01/ Scan the QR code or search for "SolarUnit" in the mobile app market and download it.

Users & Create



02/ New users click the registration button to fill in the relevant information to complete the registration (Picture b).

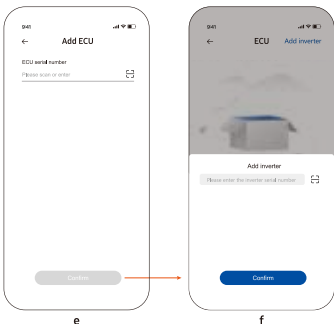
03/ Enter the login interface and enter the account password .



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

05/ Follow the prompts, enter the basic information of the power station, select "SolarUnit external ECU" as the type, and click "Confirm".

Add ECU & Inverter



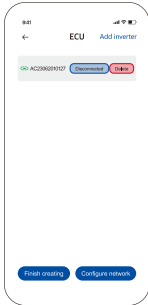
06/ Jump to the ECU adding page, click "Add ECU" in the upper right corner, scan the barcode on the ECU body and enter the SN number, (Picture e).

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

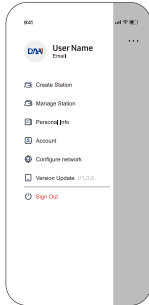
08/ According to the prompt, scan the barcode on the body of the microinverter and enter the SN number, if multiple inverters need to be added, repeat steps 07 and 08.

09/ After the device is added successfully, information about the newly added power station is displayed on the homepage.

Configure Network



g



h

10/ Click the "Configure Network" button to jump to the network configuration page. Or click (...) in the upper right corner of the homepage, and then click "Configure Network" to jump to the network configuration page.

11/ Quickly configure the network according to the page prompts. The data will be updated 5 to 15 minutes after confirming that the network configuration is successful.


NO.	Pilot Lamp Status	Instructions	Corresponding Status
1	Red light flashing	The module is connected, but AC power is not connected	Standby state
		Connected module and AC power	Fault state
2	Green light flashing slowly	Connected module, just connected AC power	On grid testing state
		The gateway indicator is touched	Emergency stop state
3	Green light flashing quickly	Connected module and AC power	On grid successfully

NO.	Pilot Lamp Status	Instructions	Solutions
1	Pilot Lamps is off	check whether the module are securely connected to the inverter connector	It's not started and needs to be connected again
		The Pilot Lamp doesn't look bright during the day	Normal working state
		Expect for the above problems	Change the inverter
2	Green light flashing slowly	Only used one piece of module	PV voltage not reached, please add a module

	Alternately flashing red and green	Flashing green light	Flashing blue light	Flashing red light
ECU	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 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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