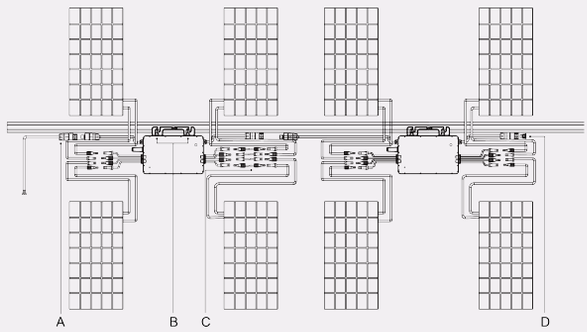
Applicable to HM-1000/1200/1500 microinverters

1. Accessories

Item	Description
A	AC End Cable (Female), 2 m 12 AWG Cable
B	M8 × 25 Screws
C	DC Extension Cable, 1 m
D	AC Female End Cap, IP67



Note: All accessories listed above are not included in the package, and need to be purchased separately. Please contact our sales representative for pricing information. (M8 screws need to be prepared by the installer.)

2. Installation Steps

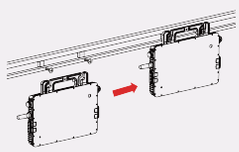
Ensure the microinverter is installed in the required environment. (Refer to product user manual for more details.)

Step 1. Attach Microinverter on Rail

A) Mark the approximate center of each panel on the frame.

B) Fix the screw on the rail.

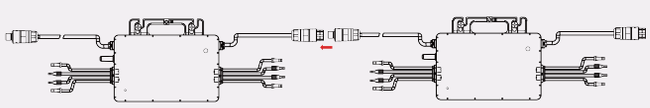
C) Hang the microinverter on the screw (as shown in the picture below), and tighten the screw. The silver cover side of the microinverter should be facing the panel.



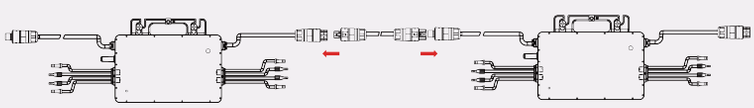
Note: Please install the microinverter at least 50 cm above the ground/roof for better communication with the Hoymiles DTU

Step 2. Connect AC Cables of Microinverter

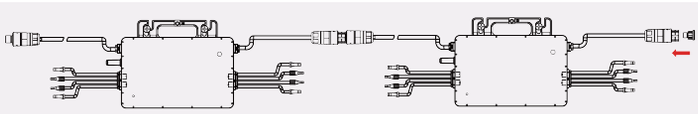
A) Plug the AC connector of the first microinverter into the connector of the second microinverter to form a continuous AC branch circuit.



*Note: The length of AC cable on microinverter is around 2.04 m. Use AC extension cable if two microinverters are more than 2.04 m apart.



B) Install the AC end cap on the open AC connector of the last microinverter in the AC branch circuit.

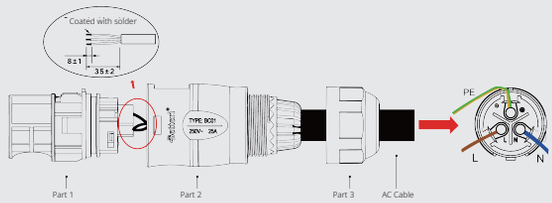


Step 3. Connect AC End Cable

A) Make the AC end cable.

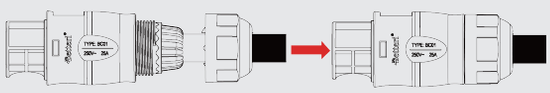
1. Separate the AC port into 3 parts.

2. Insert the AC cable through Part 3 into Part 2, and complete the wiring for the L, N and Ground inside the AC port in Part 1.

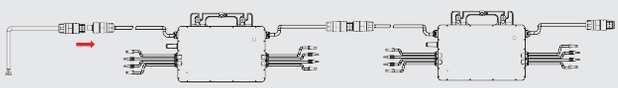


**Note: L: Brown wire N: Blue wire G: Yellow/Green wire*
Please use a 12 AWG cable as the AC end cable.

3. Plug the AC port Part 2 into Part 1 once the wiring is complete, and then screw on Part 3 to complete the AC extension cable.



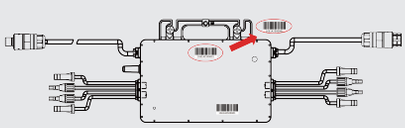
B) Connect the AC end cable to the AC male connector from the first microinverter to complete the circuit.

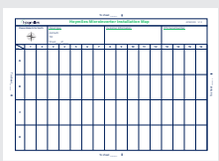


C) Connect the other side of the AC end cable to the distribution box, and wire it to the local grid network.

Step 4. Create an Installation Map

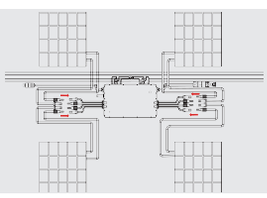
A) Peel the removable serial number label from each microinverter (the position of the label is shown as below).
B) Affix the serial number label to the respective location on the installation map.





Step 5. Connect PV Modules

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



Step 6. Energize the System

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

Step 7. Set Up the Monitoring System

Refer to the DTU User Manual, DTU Quick Installation Guide, and Quick Installation Guide for S-Miles Cloud to install the DTU and set up your monitoring system.

Product information is subject to change without notice. (Please download reference manuals at www.hoymiles.com.)