

M2 Microinverter Quick Installation Guide

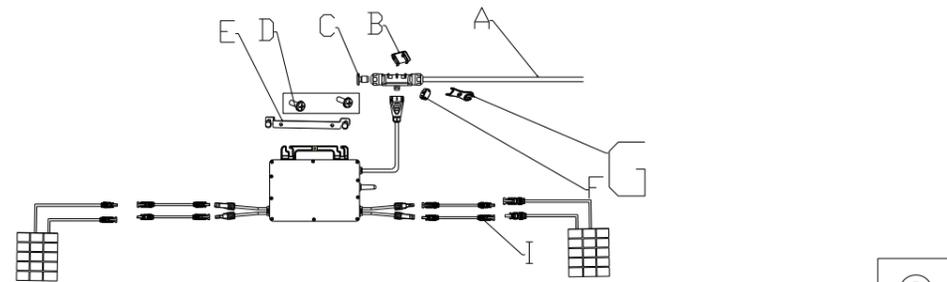
M2-(0.6K-1K)-S2

1. Package List

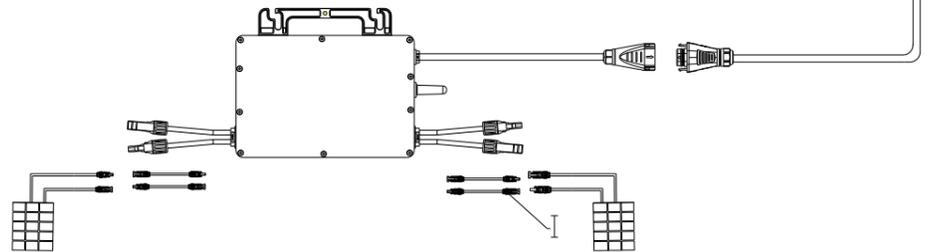
No.	Part Name
A	AC trunk cable (optional)
B	AC trunk connector unlock tool (optional)
C	AC trunk end cap (optional)
D	M8*25 bolts (optional)

No.	Part Name
E	Mounting bracket (optional)
F	AC trunk port cap (optional)
G	AC trunk port disconnect tool (optional)
I	DC extension cable (optional)

Note: Except for optional parts and parts provided by installers, all other accessories are included in the product package.



Multi-machine system

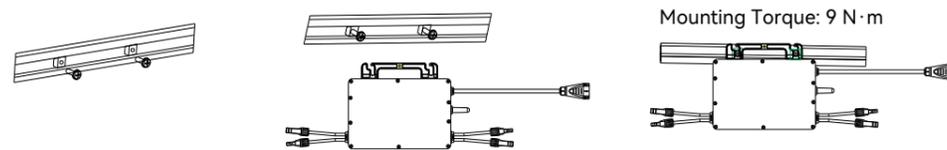


Single-machine system

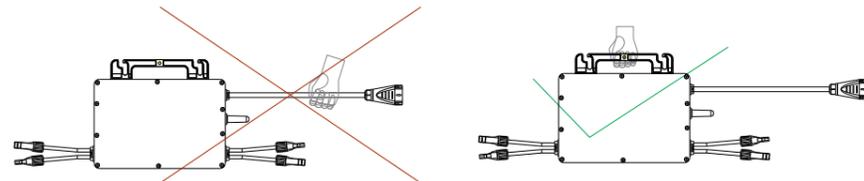
2. Installation Steps

Step 1: Plan and install the microinverter

Mark the position of each microinverter on the rail. Secure the screws on the marks to the rail. Face the cover toward the photovoltaic module. Hang the microinverter on the screws and tighten the screws.

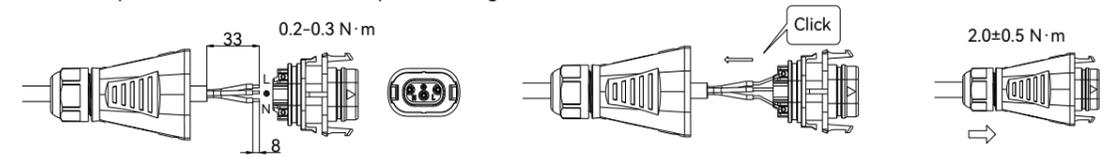


Note: 1. If external grounding is required, use a grounding screw (M6) to install it to the grounding hole on the microinverter handle.
2. Please hold the handle of the microinverter with your hands. Do not lift the AC cable with bare hands.



Step 2: For single-machine system, connect the branch male connector.

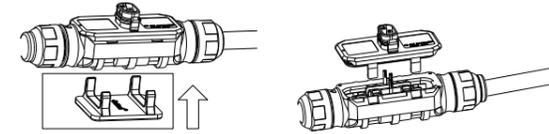
Before wiring, use a Phillips screwdriver to remove the screws to the uppermost baffle. Insert the other main cable into the body shell and crimp the inner wires into the slot according to the L, PE, and N marks. Tighten the screws. Press the terminals into the shell and put the nut back into the port and tighten.



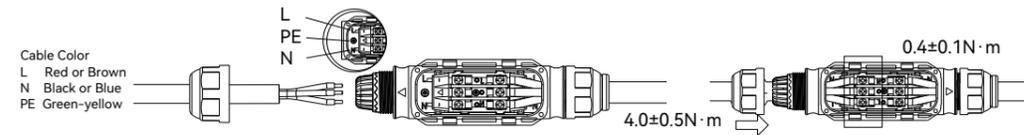
For multi-machine system, prepare and install AC cables.

Use AC cables to connect the microinverters to the distribution box.

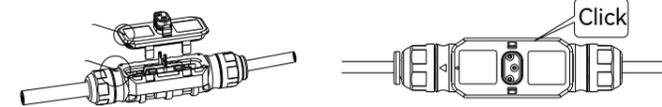
1) Use the AC trunk connector unlock tool to align the slot on the back and press the nuts on both sides firmly.



2) Insert the other main cable into the body shell and crimp the inner wires into the slot according to the L, PE, and N marks.



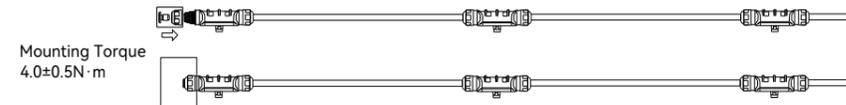
Close the lid following guide arrows until a click sound is heard.



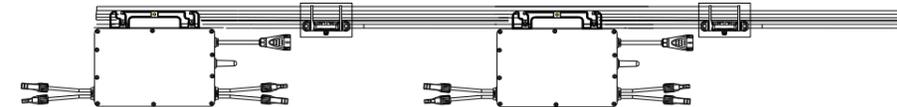
3) Prepare some AC trunk cables and string them in series for backup.



4) Insert the AC trunk end cap to the AC trunk cable, tighten it and tighten the nut.

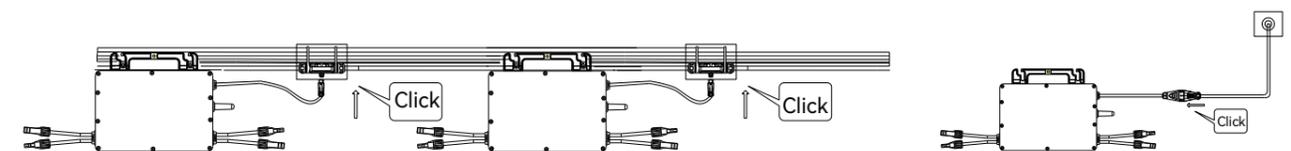


5) Lay the AC trunk cables on the guide rail and fix it with ties.



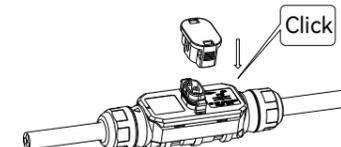
Step 3: Complete AC Connection

A) Insert the branch cable connector on output side into the AC trunk cable or branch male connector until a "click" sound is heard.

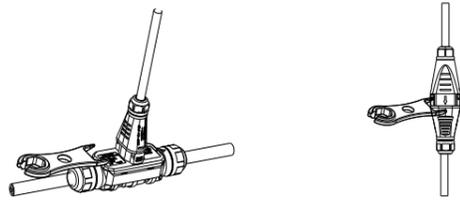


B) Connect the end of the AC cable to the distribution box and then connect it to the local power grid.

C) If there is an empty port on the bus box, insert the main cable protective cover into the empty port to ensure that the connector is dust-proof and waterproof.

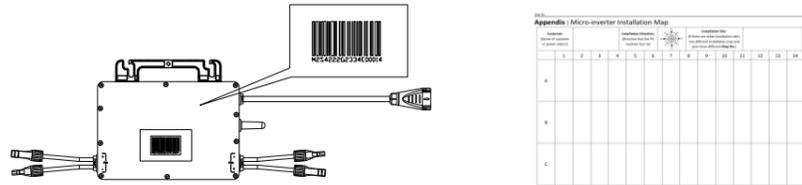


Note: If you need to remove the output-side AC connector of the microinverter from AC trunk cable, please insert the branch connector unlock tool into the AC branch cable connector.



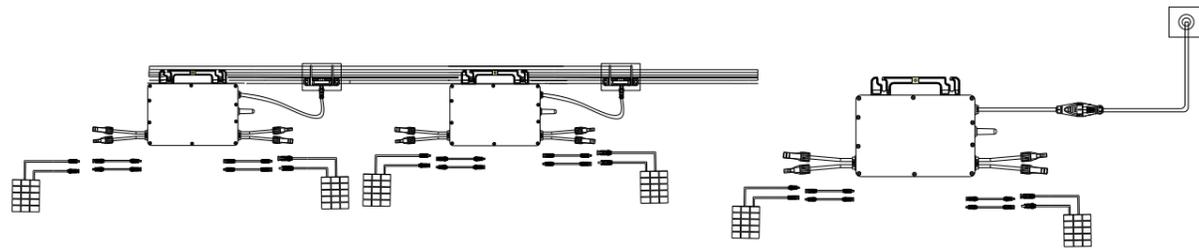
Step 4: Make an Installation Map

Peel off the SN label on each microinverter and attach the SN label to the installation map as followed.



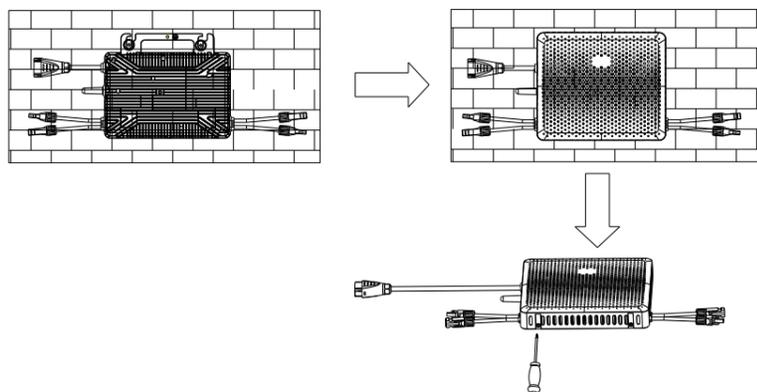
Step 5: Connect the PV Modules

Install PV modules above microinverters. Connect DC output cable of PV modules to the DC input side of microinverters. **ATTENTION:** The DC cable length from the PV array to the inverter must be smaller than 3 meters to meet relevant regulatory requirements. Ensure that the DC cables are correctly connected. For details, consult your local electric power operator and refer to local regulatory requirements.



Step 6: Install Protective Cover (optional)

Place the protective cover on the inverter and secure it with M4*8 screws.

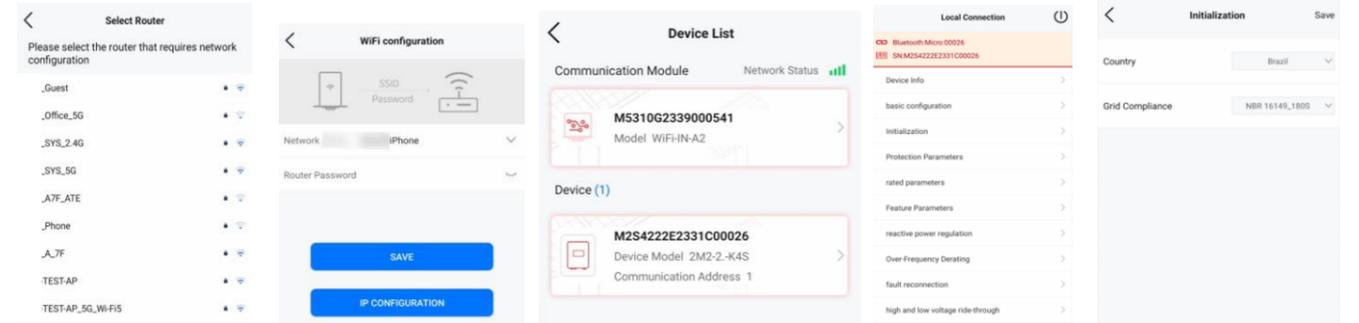
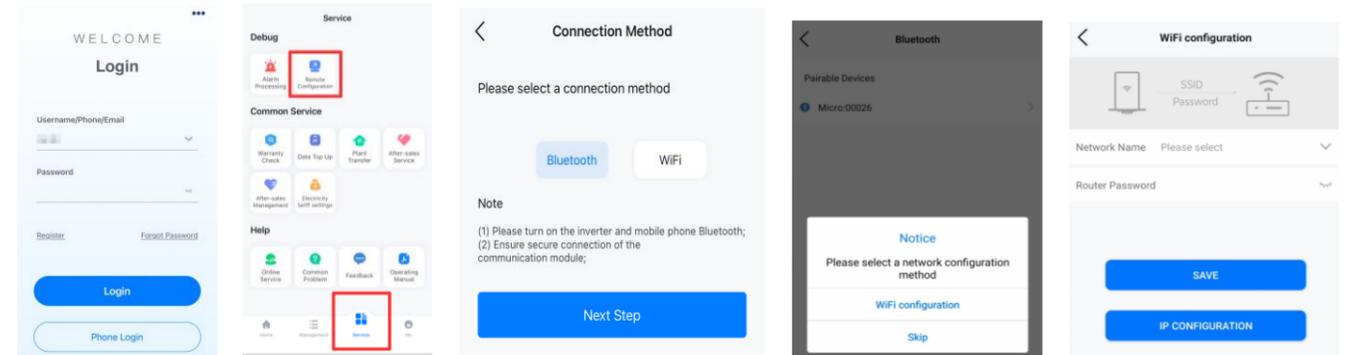


Step 7: For APP, Scan the QR code to download the App and product documentation.



Bluetooth Connection

Enter account and password, **Login** → **Service** → **Remote Configuration** → **Bluetooth**, tap **Next** → **Select Device**, tap **WiFi Configuration** → Select **WiFi** and enter the WiFi password → Enter the device local connection interface → Tap the right arrow of the device, tap **Initialization** → Enter the device basic information for operation data.



Plant Creation

Management page, tap the **+** button in the upper right corner → **Create Plant for Me** → enter the inverter SN, tap the **+** button to read the device information, tap **Next** → enter the plant basic information → **Plant list page**, tap the plant information and enter the plant details page → **Micro Plant page**, tap on the picture and tap the power view for details.

