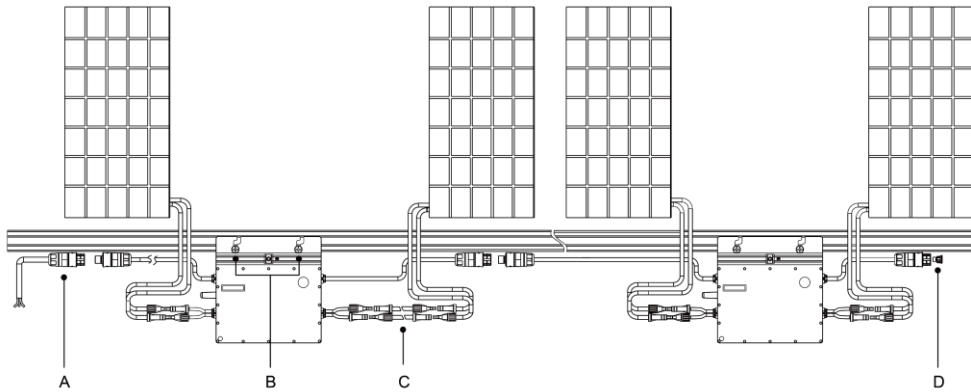


## 1. Accessories



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

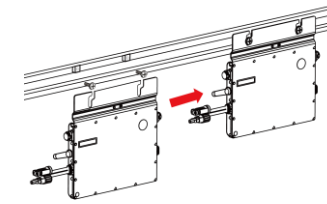
*\*Note: All accessories above are not included in the package and need to be purchased separately. Please contact our sales representative for pricing. (M8 screws need to be prepared by installer-self.)*

## 2. Installation Steps

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

### Step 1. Fix Microinverter on the Rail

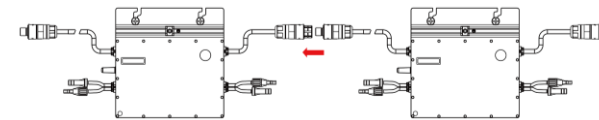
- Mark the approximate center of each panel on the frame.
- Fix the screw on the rail.
- Hang the microinverter on the screw (shown as pictured below). Tighten the screw.  
The silver cover side of the microinverter should be facing the panel.



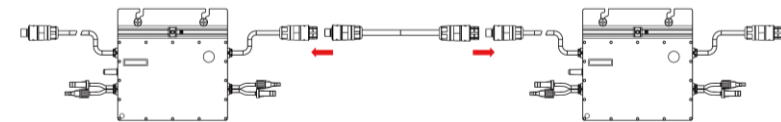
*\*Note: Install the microinverter at least 50cm above the ground/roof for better communication with the DTU.*

### Step 2. Connect AC Cables of Microinverter

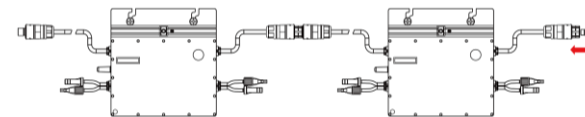
- Plug the AC connector of the first microinverter with the connector of the second microinverter to form a continuous AC branch circuit.



*\*Note: The length of AC cable on microinverter is around 2.06m. If the distance between two microinverters is more than 2.04m, please use the AC extension cable between two inverters (As picture indicated below).*

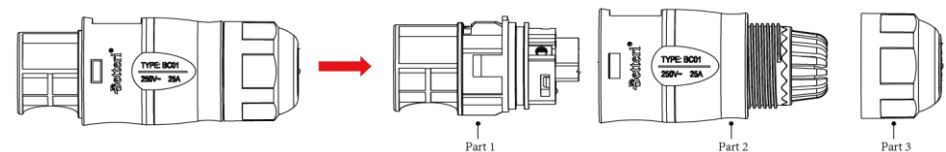


- Install the AC end cap on the open AC connector of the last microinverter in the AC branch circuit.

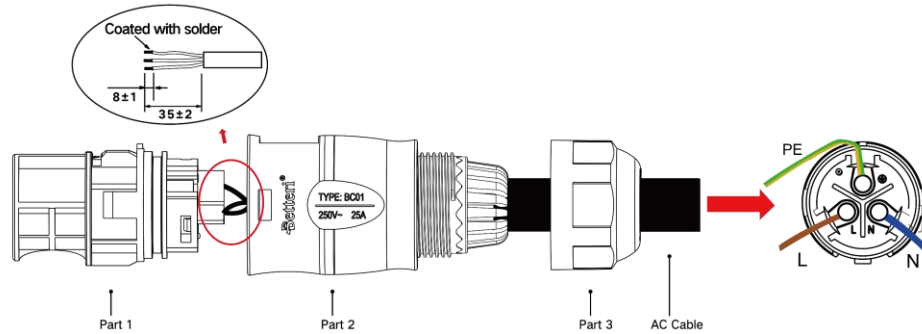


### Step 3. Connect AC End Cable

- Make the AC end cable.
  - Disassemble the AC port into 4 parts:

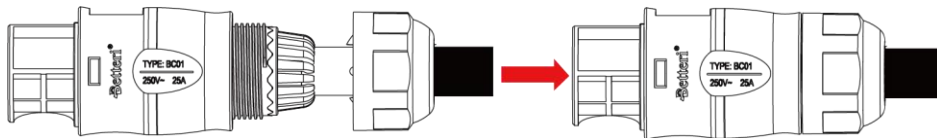


2. Insert the AC cable from Part 3 to Part 2 and complete the wiring for the L, N and Ground inside Part 1 AC port accordingly:

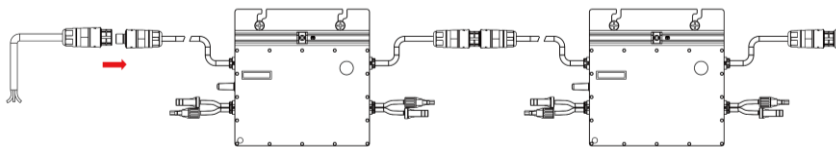


\*Note: L: Brown wire    N: Blue wire    G: Yellow/Green wire  
Please use 12 AWG cable as AC end cable

3. Plug the AC port Part 2 into Part 1. Once finished with the wiring, screw Part 3 on and complete the AC extension cable:



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

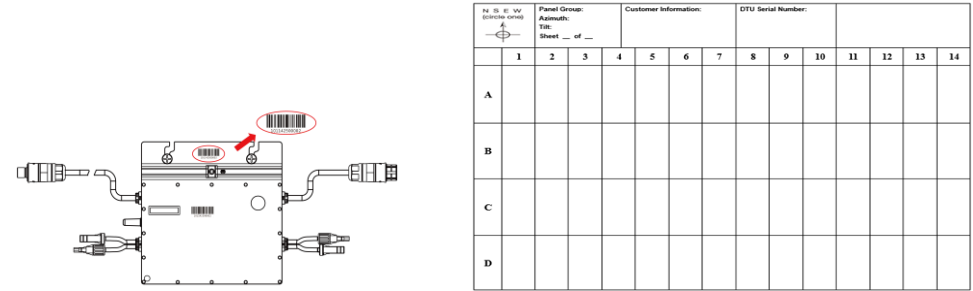


C) Connect the other side of the AC end cable to the distribution box and wire it to the local grid network.

## 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.)

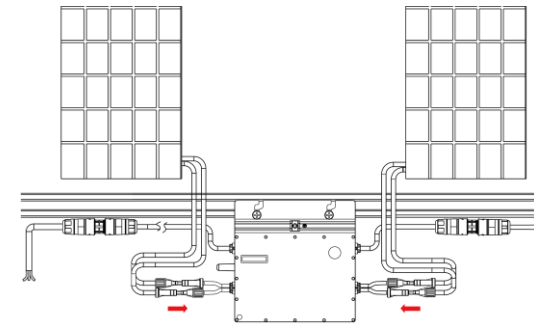
B) Affix the serial number label to the respective location on the installation map.



## 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 after about two-minute wait time.

## Step 7. Set Up the Monitoring System

Refer to the DTU User Manual or DTU Quick Install Guide, and Quick Installation Guide for HMP Online Registration to install the DTU and set up your monitoring system.

Product information is subject to change without notice. (Please download reference manuals at [www.aptosolar.com](http://www.aptosolar.com).)