

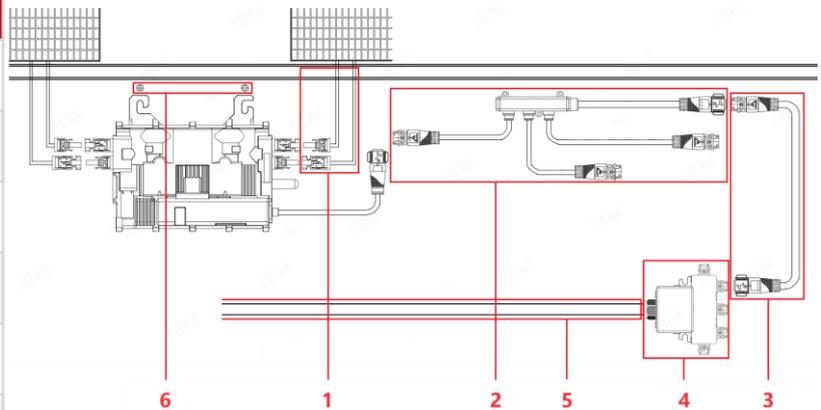
Quick Installation Guide

EON Microinverter



1. Accessories

Line	Accessories
1	DC Extension Cable
2	3 in 1 Connector
3	AC Prefabricated Extension Cable
4	Combiner Box
5	5 Core AC Bus
6	M8 Screws



Note: All of the above accessories are not included in the product package and should be purchased separately.

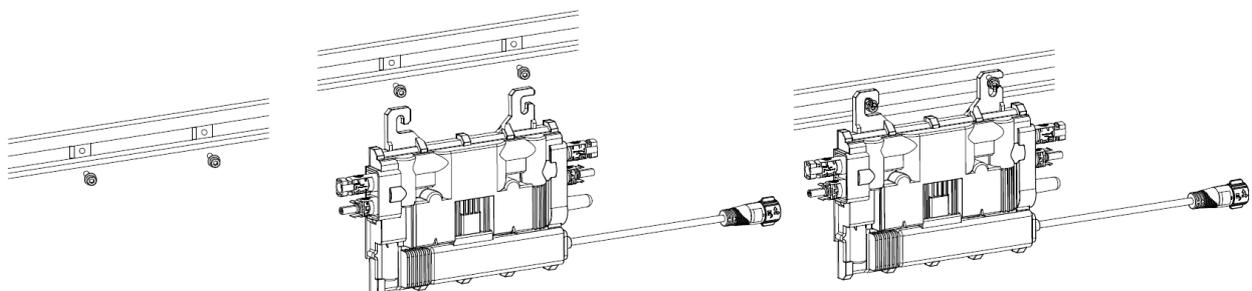
2. Precautions

- Read all the technical documents and notes of the microinverter and solar array before installing or using the microinverters;
- Disconnect the grid before installation, and cover or isolate the PV panels;
- When taking the microinverters, do not pull the AC output cable of the microinverters;
- Choose the appropriate location for microinverters installation:
 - Good ventilation, conducive to the microinverter heat dissipation;
 - Avoid direct sunlight and install the microinverters under the PV panels;
 - Avoid the electromagnetic interference;
 - Keep from gas or flammable and explosive substances.

3. Installation Steps

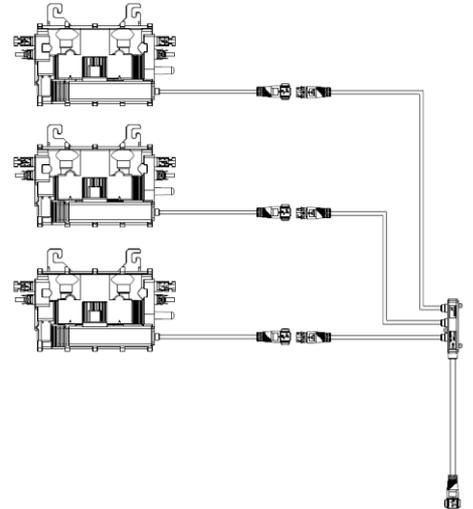
Step 1: Plan and Install The Microinverter

- Plan the positions of the microinverters on the bracket according to the layout and size of PV panels;
- Insert the screws and spacers in each position of the bracket;
- Hang the microinverters on the screws, and tighten the screws. The flat side of the microinverters should be facing the panels;
- Tear off the label on the microinverters and stick them to the corresponding positions in the installation map (see the attachment for the installation map) .

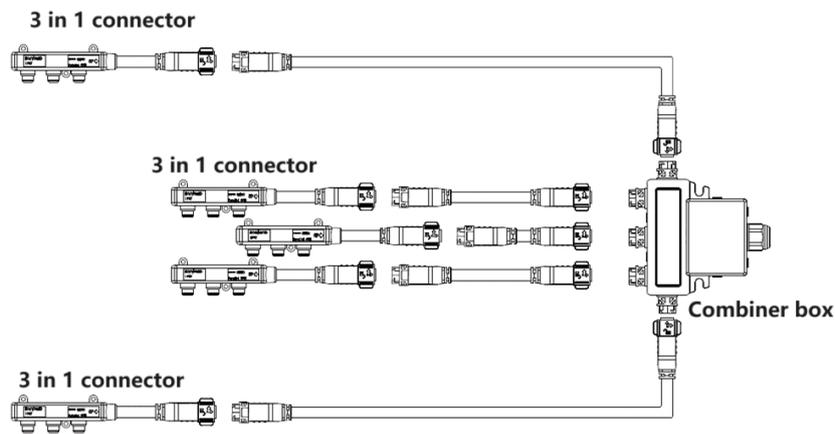


Step 2: AC Side Wiring and Connection

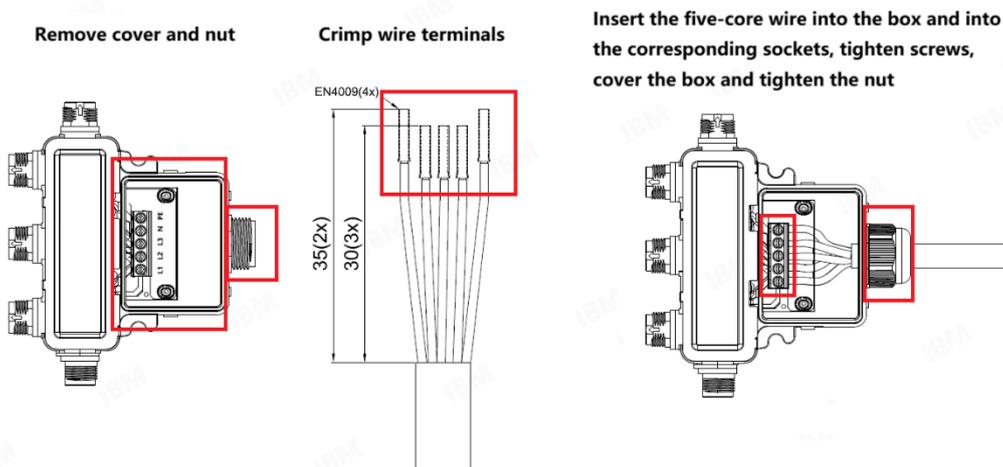
A) Install 3 in 1 connectors. According to the positions of the microinverters, plan the positions and install 3 in 1 connectors. The length of the three input wires are 2.8m, 1.5m and 0.5m, which can connect the adjacent 3 microinverters. When plugging the AC connectors of the microinverter, the blue ring rebound indicates that the connection is completed;



B) Install the combiner boxes. According to the positions of the 3 in 1 connectors, plan the locations and install the combiner boxes. The combiner boxes can connect up to five 3 in 1 connectors with five input interfaces; 3 in 1 connectors can be directly connected with the combiner boxes interface with 0.5m prefabricated output cable, or through the required prefabricated AC extension cable. When plugging the connectors, the blue ring rebound indicates that the connection is completed;



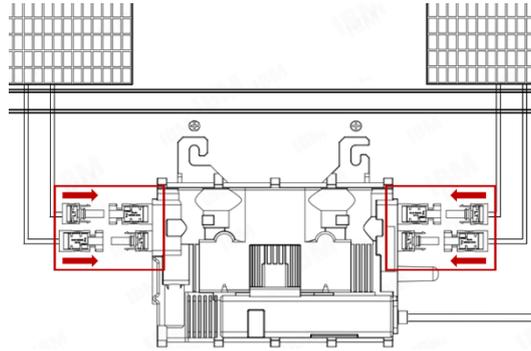
C) Combiner boxes and 5 core AC bus connection, wiring steps are as follows:



D) Connect each AC buses to the junction box.

Step 3: PV Panels Installation

- A) Prepare the DC extension cable that may be required according to the length of the own cable of the PV panels;
- B) Place the PV panels above the microinverters and fix it on the bracket;
- C) Plug the DC output terminals of PV panels with the input interface of microinverters. Under the solar light, the LED indicator of the microinverters flash red after connecting the PV panels.



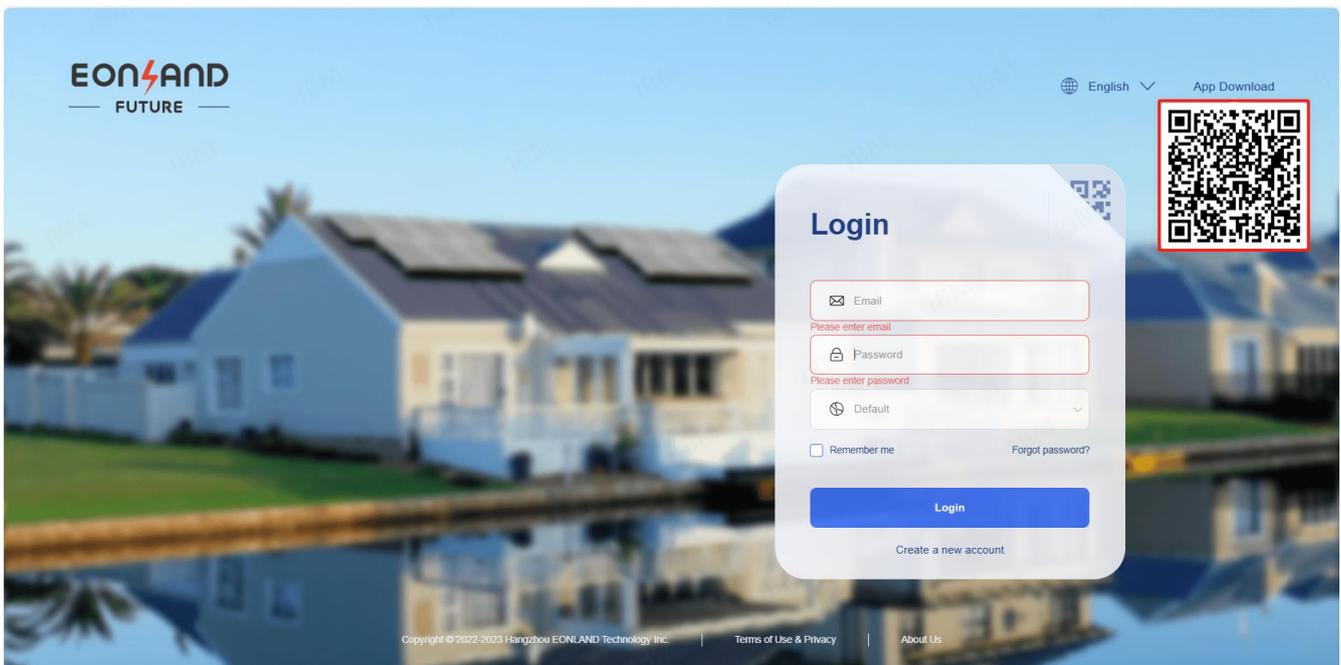
Step 4: Connect to The Grid

Close the AC circuit breaker, connect to the power grid. After the microinverter is connected to the PV panels and the power grid, the LED indicator light flashes red and green alternately.

Step 5: Set up The Gateway and The Cloud Platform

- A) APP download

Visit the web page at <https://solar.eonlandfuture.com>, scan the corresponding QR code.



- B) Register

- Web

Click "Create a new account" in the website login interface, fill in the correct email address and other content, and register.

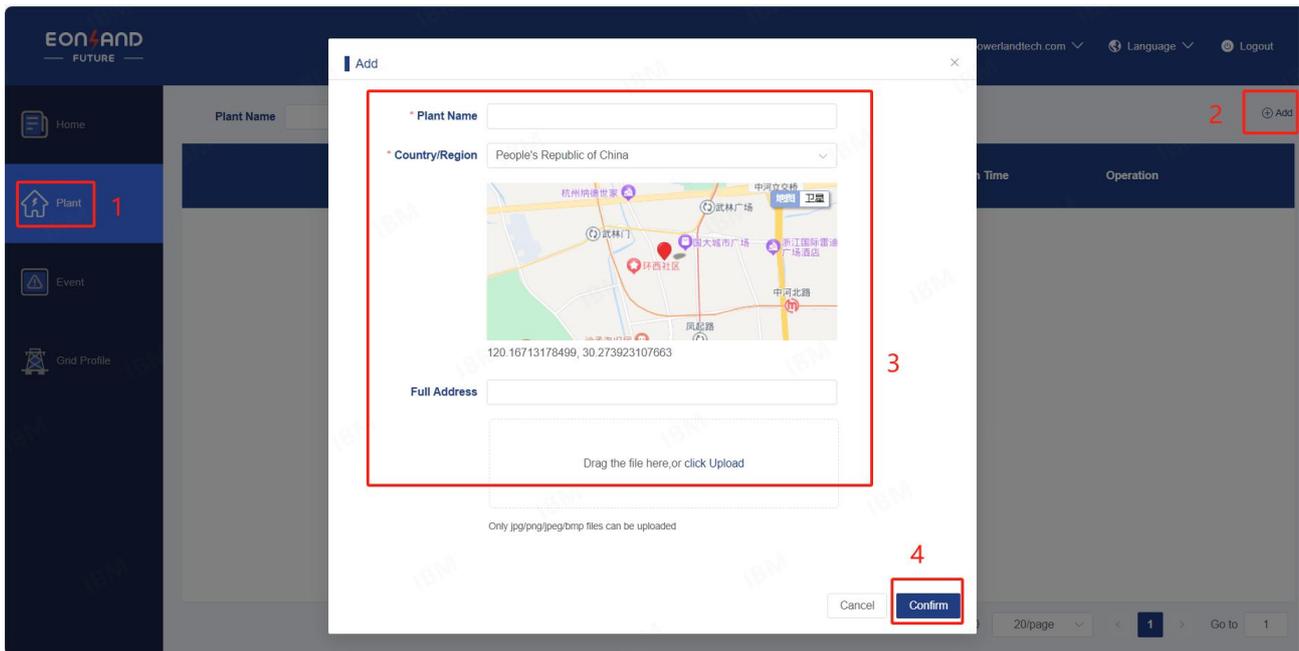
- APP

In the APP login interface, click on **Register**, fill in the correct email address and other content, and register.

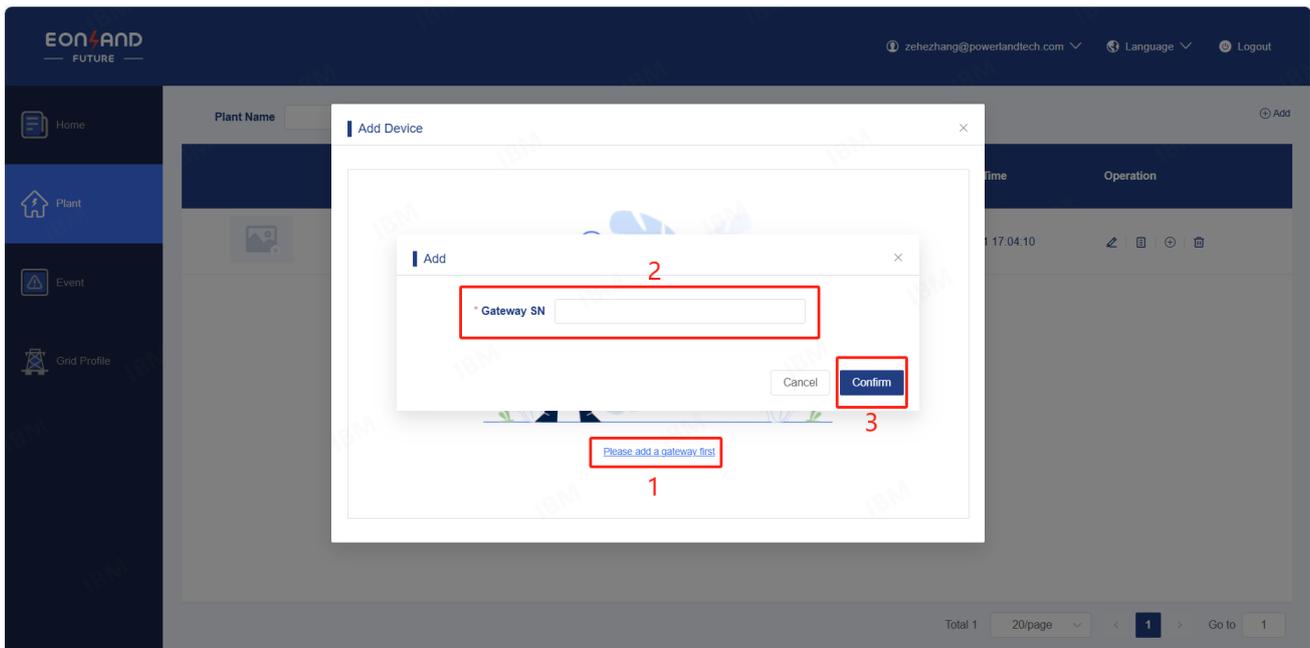
C) Plant creation, device creation and addition

- Web

Plant creation: After logging in, click **Add** on the upper right side, and fill in the plant name, country/region, full address and picture, so as to create the plant.



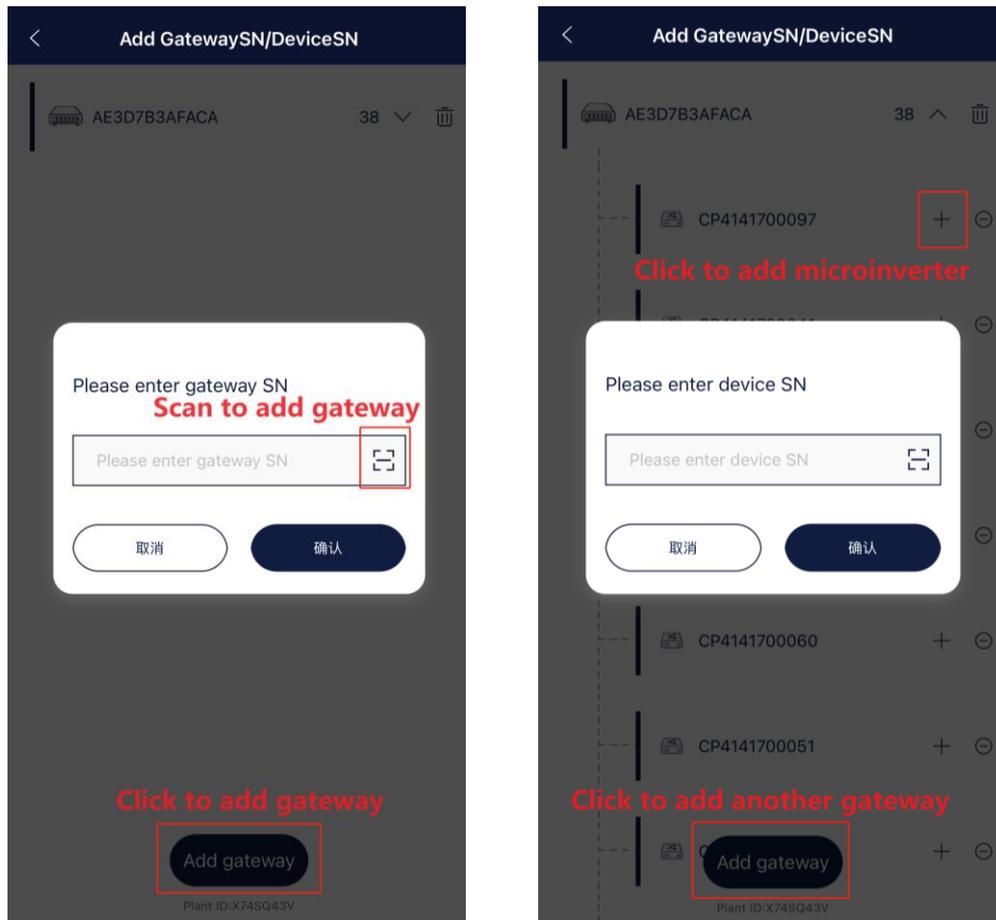
Device creation and addition: After creating the plant, pop up to add the gateway / device, click **Please add a gateway first**, enter the Gateway SN Code to add the gateway, click **Add Device**, and input the SN code of the device to add the device.



- APP

Plant creation: in the APP Home interface, click  , click **+** in the upper right corner of the **Plant** page, fill in the relevant content, can create or add the Plant.

Device creation and addition: after adding the Plant, click **Add Device**, and then click **Add Gateway** to manually or scan the Code to enter the SN Code of the gateway. After adding the gateway, enter the SN code of the device manually or scan the code to add the device.



Gateway Configuration: on the **Menu** page of the home directory, click **Gateway Configuration**, press the button on the gateway, wait for the gateway light to flash, find the Bluetooth device starting with **ZC**, and make the gateway configuration, including **Configure wireless network** and **Configuring wired network**.

After successful configuration, the microinverters LED indicator flashe green light.

Please refer to **Eon Solar User Manual APP Cloud Monitoring V2.0** and **Eon Solar User Manual Website Cloud Monitoring V2.0** for details.