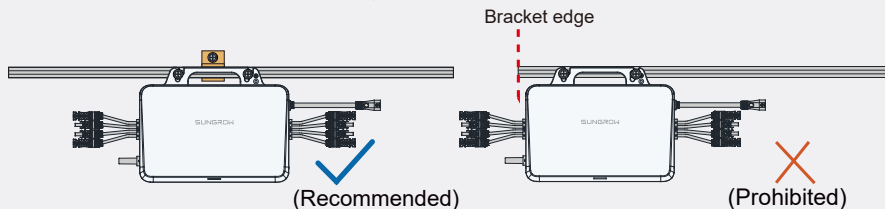
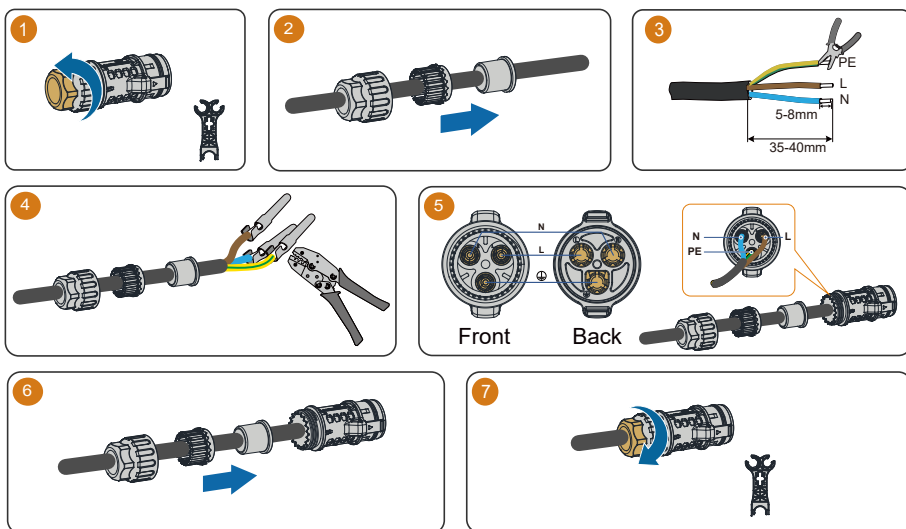


- Avoid placing the device in direct sunlight. It is recommended to install it under the PV module.
- It is recommended that the inverter fixing screws be installed around the roof frame fixing hook.
- Do not mount the microinverter on the edge of the bracket.



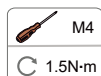
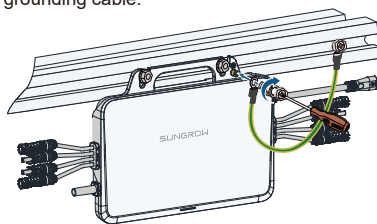
**Attach AC Male Connector / Fixez le connecteur CA mâle /
Bringen Sie den AC-Stecker an / Sluit het mannetje van
de AC-connector aan**



Observe the marks on the terminals when making cables and ensure the polarity is correct. Otherwise, after connecting to the power distribution box, the microinverter may not operate properly, the house's circuit may trip, and it may even result in personal injuries.

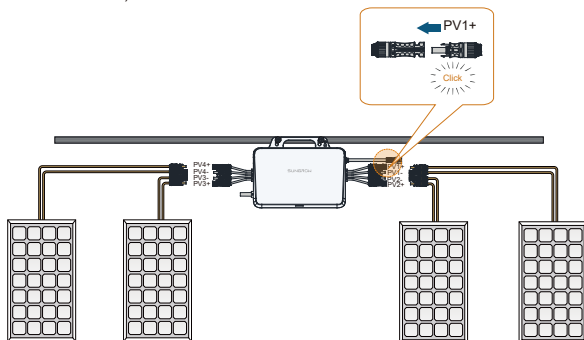
Wiring Steps / Procédure de câblage / Verkabelungsschritte / Bedradsingsprocedure

- 1 Connect the external grounding cable.



It is recommended to make a protective ground connection. Lack of protective grounding or unreliable grounding may lead to personal injuries.

- 2 Connect the DC connectors, make sure there is a PV module connected to PV1.



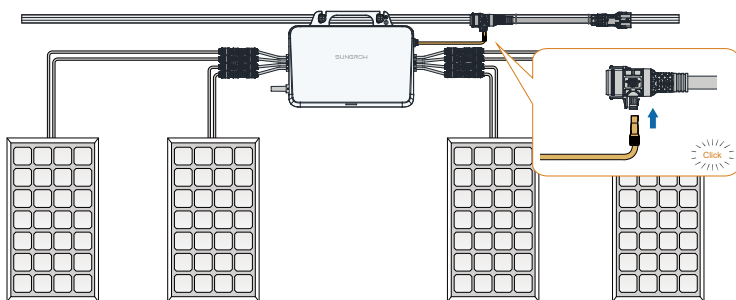
⚠ WARNING

The PV1 channel acts as the host and must be connected with PV module. If it is left unconnected, the system may report a fault and cannot operate properly.

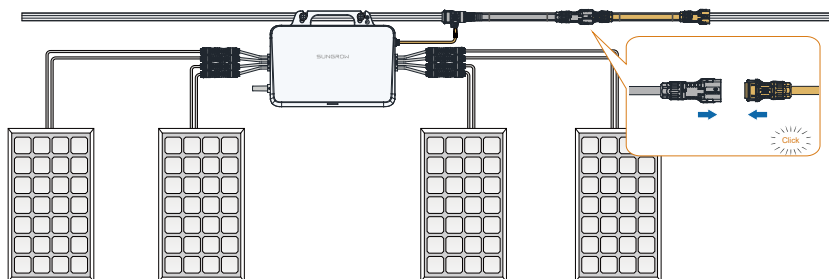
⚠ CAUTION

- When connecting the DC connectors, make sure the order of the connectors corresponds properly to the actual positions of PV modules at the site, to facilitate the later setup of the physical layout of the plant.
- If not all of the DC connectors of the microinverter are connected to PV modules, use IP67 waterproof plugs to close off the unused connectors. The waterproof plugs should be prepared by the user.
- The total length of the microinverter PV-side cable must be < 3 m.
- If the PV module is located too far away from the microinverter, a DC extension cable is needed. The user needs to make the extension cable first.
- Ensure the PV cables are connected with correct polarity. Otherwise, the microinverter may not operate properly.
- PV modules cannot be connected in series.

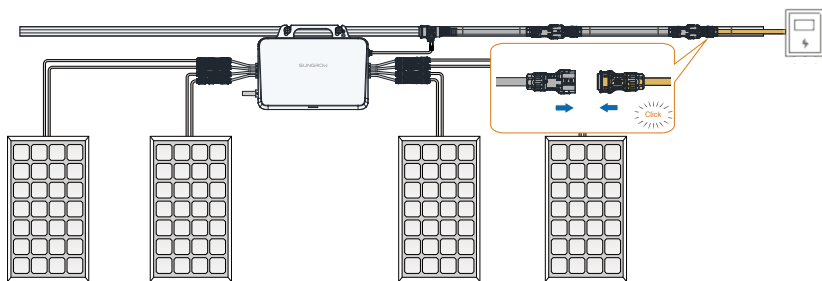
3 Connect the AC connector.



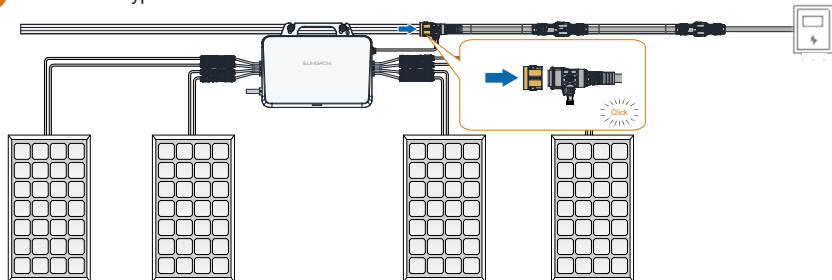
4 (Optional) Connecting extension cables.



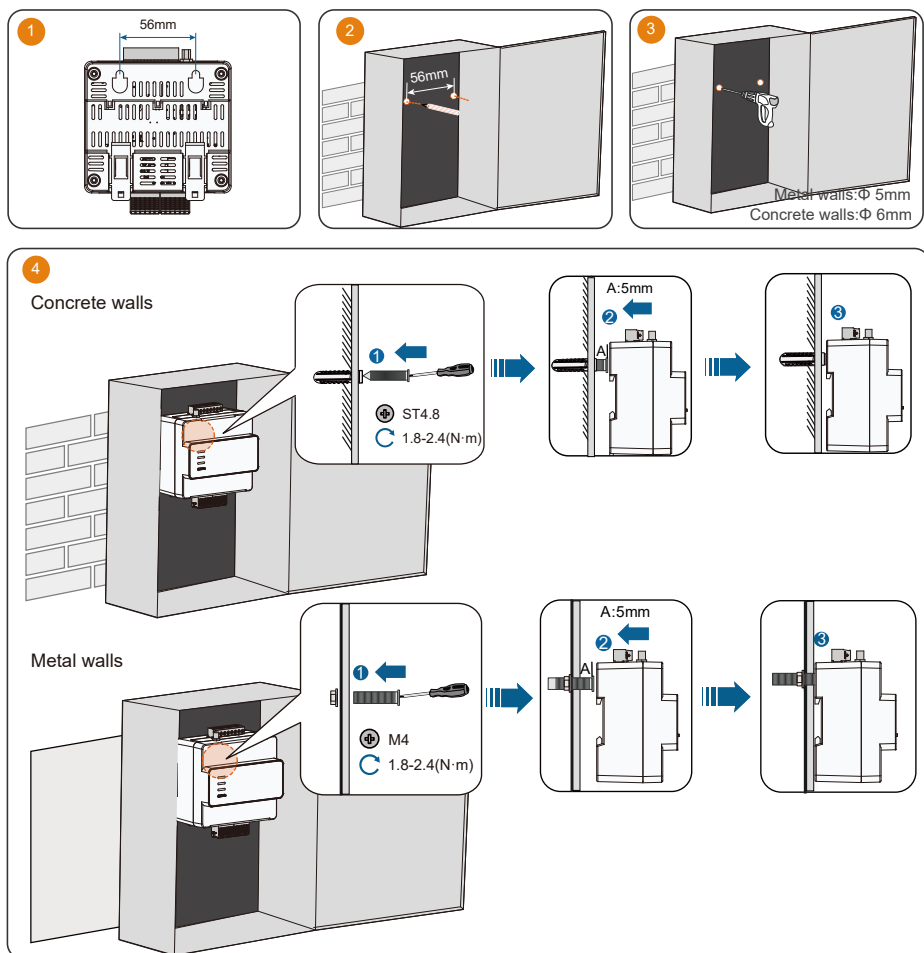
5 Connect the AC male connector.



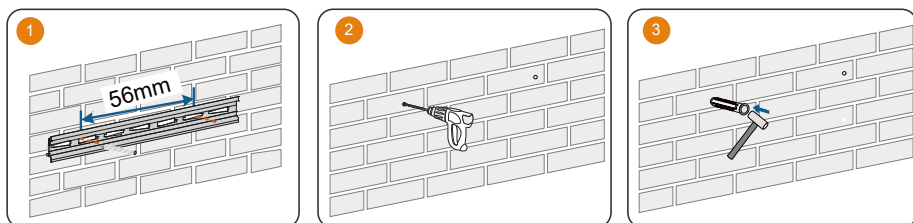
4 Seal off the T-type connector.

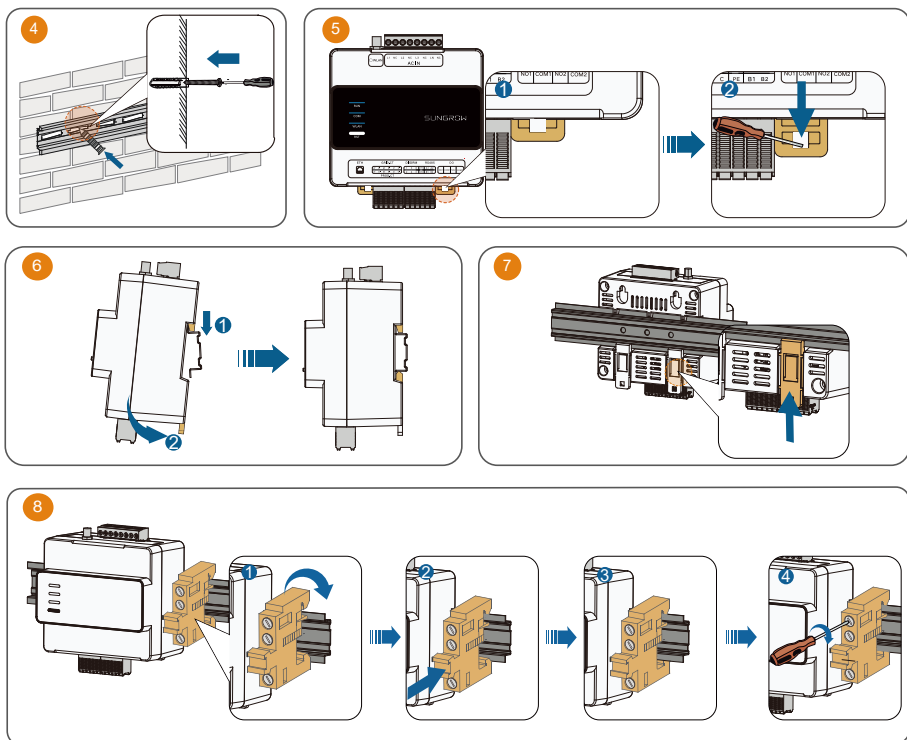


1. Mounted on a Wall

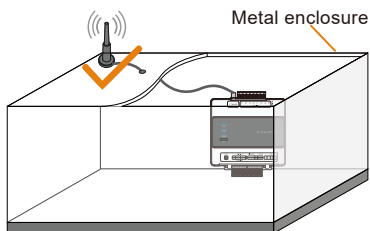
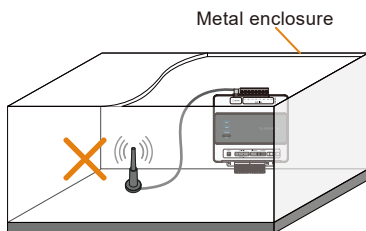


2. Mounted on a Guide Rail

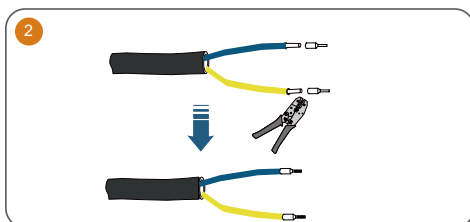
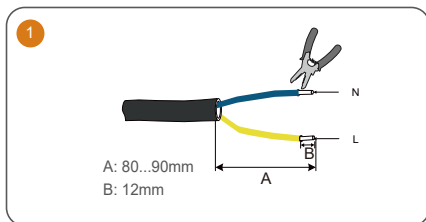




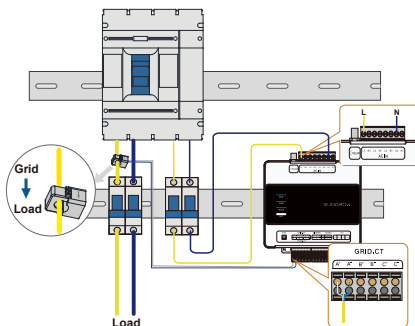
3. Antenna Installation



4.AC and GRID.CT connection



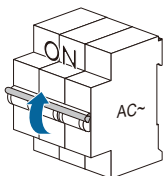
3



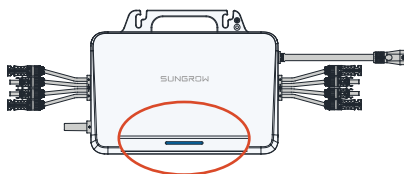
The iHomeManager comes with three CTs. Connect only one CT to the microinverter.

Commissioning / Mise en service / Inbetriebnahme / Inbedrijfstelling

1



2



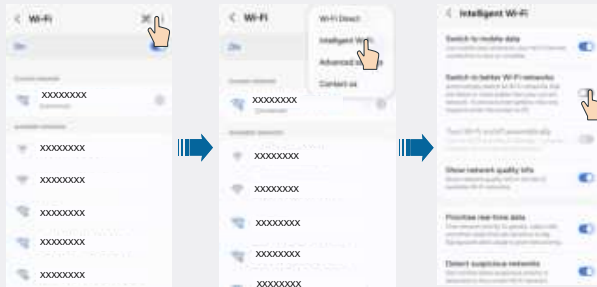
LED Indicator: Blue Slow blink

3

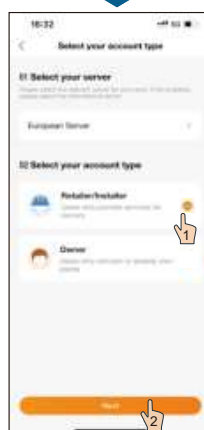
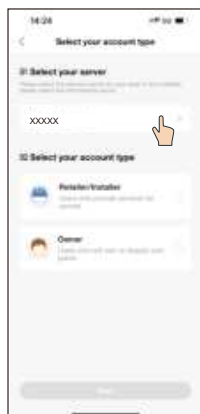


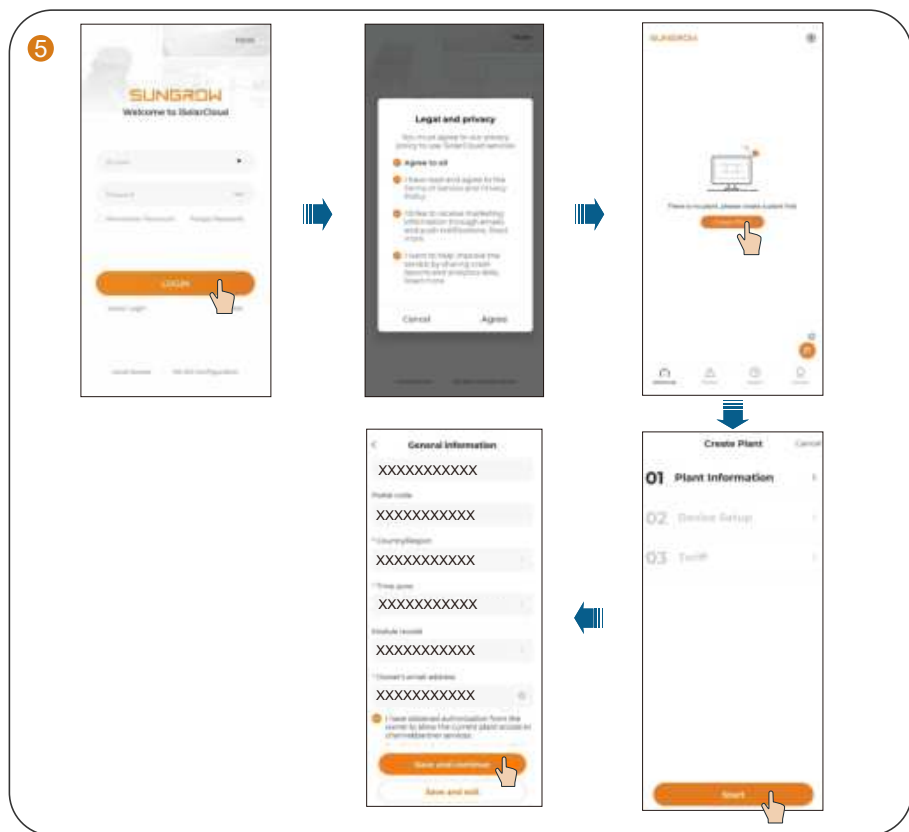
iSolarCloud App

- To fully utilize the features of the iSolarCloud App, please grant it access to your camera, location, and network when you first open the App.
- Connect only one mobile phone to the microinverter's hotspot at a time. Otherwise, it may lead to a conflict issue.
- It is suggested to turn off auto network switching on the mobile phone so that it can stay connected to the microinverter's hotspot. Otherwise, the phone may switch to a stronger Wi-Fi signal automatically and its connection to the microinverter will be interrupted. Detailed instructions are provided below, using a Samsung mobile phone as an example:

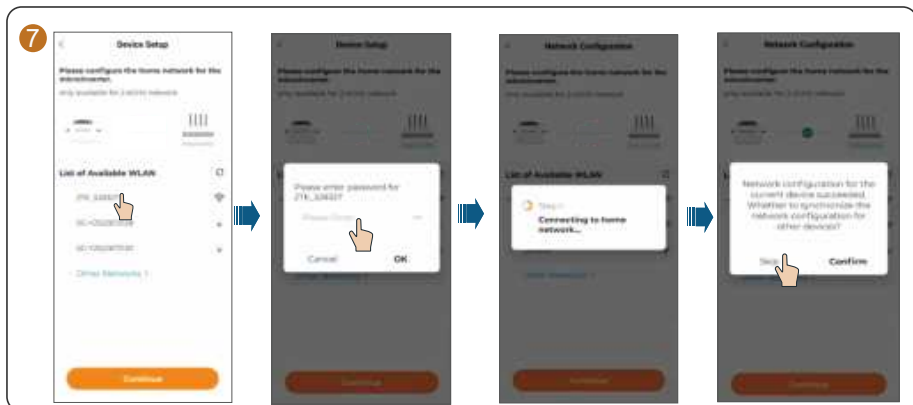
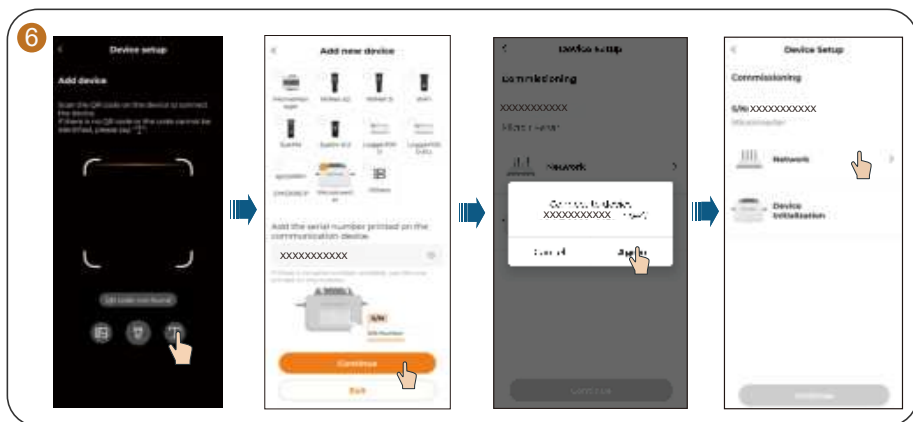


4





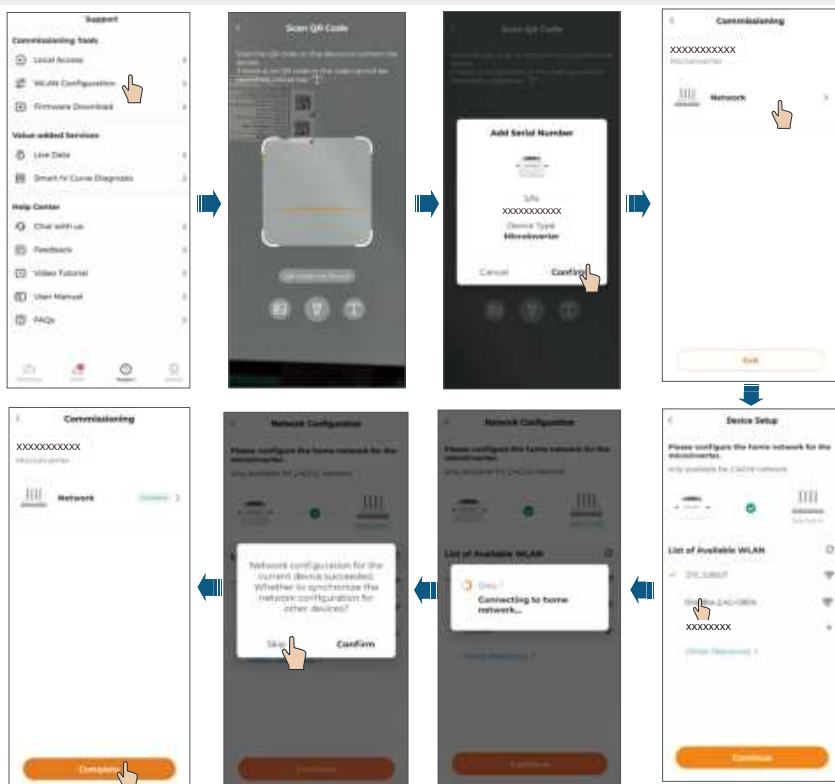
Parameter	Description
*Plant Name	Enter the plant name.
*Plant Type	Select the plant type.
*PV Installation Power (kWp)	Enter the installed power.
*Detailed Address	The location of the plant.
*City	The city where the plant is located.
Postal Code	The postal code of the place where the plant is located.
*Country/Region	The country (region) where the plant is located.
*Time Zone	The time zone of the place where the plant is located.
Module Model	The model of the PV module actually used in the plant.
*Owner's Email Address	Enter the owner's email address.
*Grid-connection Type	Set the grid-connection type for the plant.
Grid-connected Date	Shows the current date by default.
Plant Image	Upload an image of the plant.



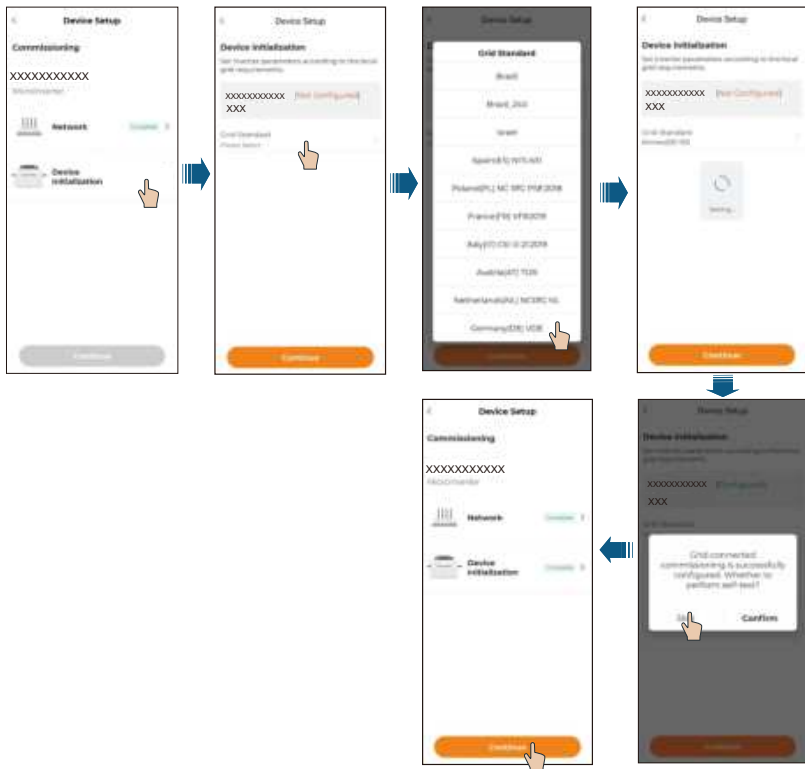
- If there is one microinverter only, you can choose "SKIP". The network configuration is then completed.
- If there are multiple microinverters, you can choose "CONTINUE" to complete the network configuration for other microinverters. For details, see Step 8. Microinverters for which network settings are synchronized in this step will be added to the plant's device list simultaneously.



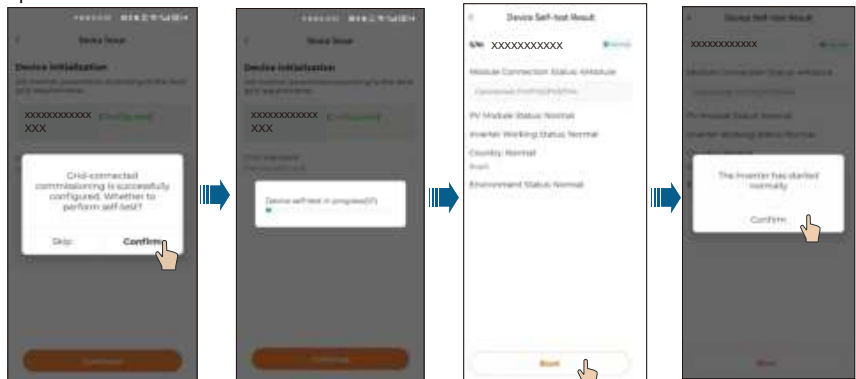
When you change the router, please set up the network connection again. The steps are: log in to the iSolarCloud App, tap the WLAN Configuration, and select the home network to connect to it.



9

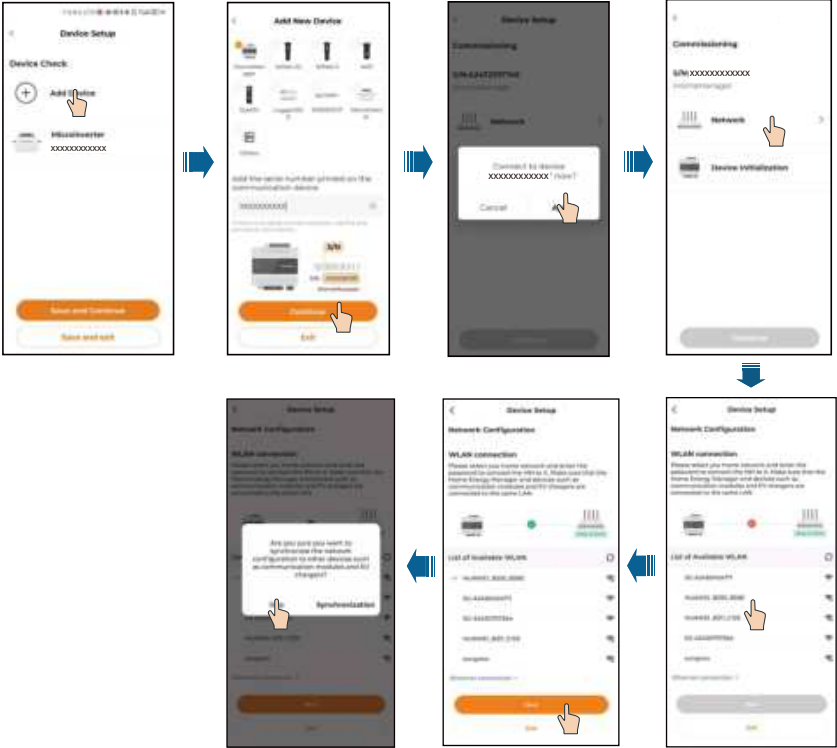


10 Optional

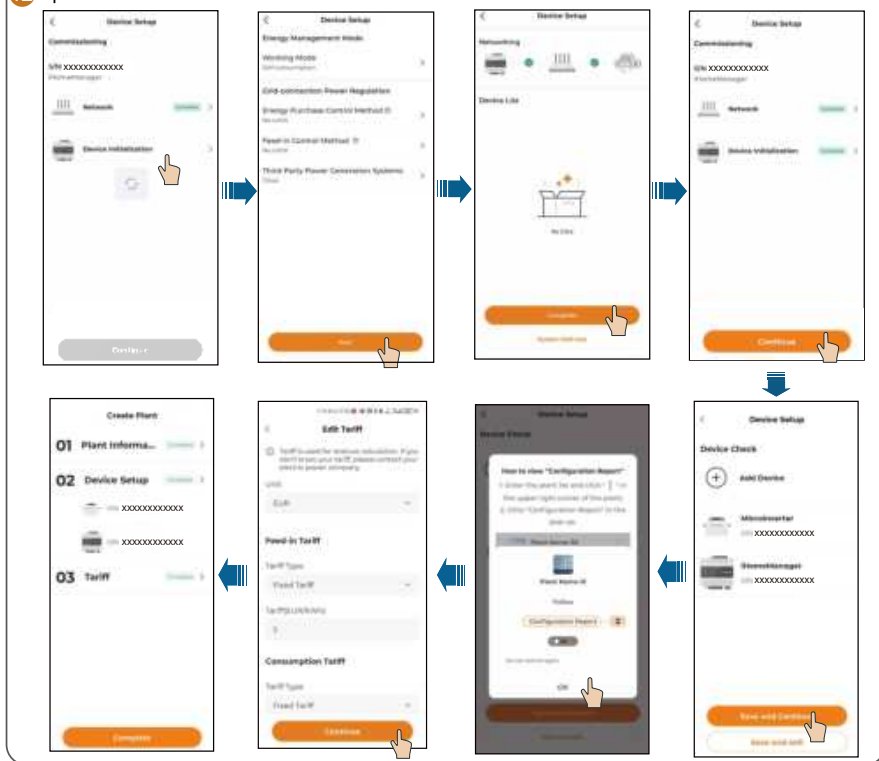


If an iHomeManager is installed, choose "Add Device" at the end of Step 9 to add and configure the iHomeManager. Detailed instructions are provided below.

11 Optional



12 Optional



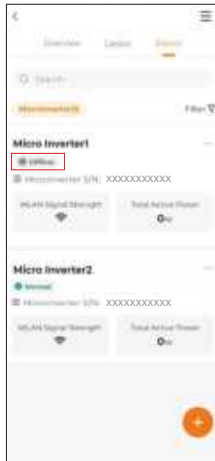
The plant that has been created will be shown on the "Monitoring" screen. You can tap a plant to check the detailed information about the plant and its devices, as shown in the figure below.



At night, since there is no light, the microinverter in the plant stops working due to the absence of power source. In this case, it does not communicate with the background and its status shows "offline". However, this does not indicate a fault in the device. Once the light conditions return to normal, with stable power source, the microinverter will start up and work again. It will then communicate with the background normally and its status will be "online". If the device stays offline for a long time or in case of other abnormal symptoms, inspect the device and its network connection.

Check Microinverter Status

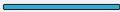
Choose the "Device" tab on the top of the screen to check the devices in the plant and their status.



If a microinverter in the list remains offline for an extended period (excluding the situation that the microinverter goes offline at night, which is normal), follow the troubleshooting steps below.

1. Check that the home router network is functioning properly.
2. Check that the microinverter is using the correct password to connect to the network.
3. Determine if the signal is weak because the microinverter is too far from the router. If necessary, add a Wi-Fi extender between the microinverter and the router.

LED Indicator / Voyant DEL / LED-Anzeige / Led-indicator

Status indicator	Color	Status	Description
	Blue	Steady on	Running in on-grid state
		Blink slow	Standby or starting up
	Red	Steady on	Fault (inverter failure, update failed, etc.)
		Blink slow	Updating
	Grey	Off	Powered off

If multiple microinverters are used, paste their QR code labels below.



For more product information, visit
<http://support.sungrowpower.com/> or scan the QR code

SUNGROW

Sungrow Power Supply Co., Ltd.

www.sungrowpower.com



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