

E-Net Dongle Installation and Configuration

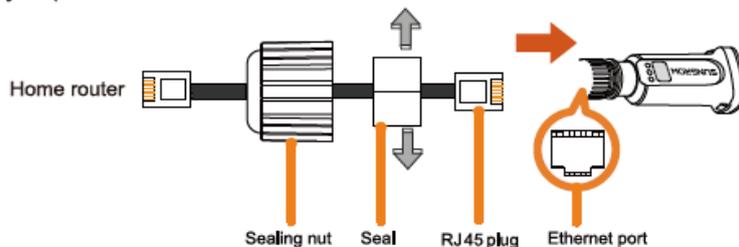
Disclaimer

The material in this document has been prepared by Sungrow Australia Group Pty. Ltd. ABN 76 168 258 679 and is intended as a guideline to assist solar installers for troubleshooting. It is not a statement or advice on any of the Electrical or Solar Industry standards or guidelines. Please observe all OH&S regulations when working on Sungrow equipment.

The RJ45 port of the grid-connected inverter is only compatible with Sungrow Wi-Fi dongle (V31). E-Net dongle can make the grid-connected inverter available to connect with home router via the ethernet cable.

How to install the E-Net with inverter

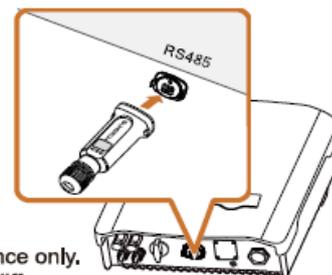
- Step 1** Turn off the DC switch (if available). Disconnect the AC circuit breaker and secure it against reconnection.
- Step 2** Remove the waterproof lid or plug from the communication terminal.
- Step 3** Unscrew the sealing nut from E-Net and remove the seal (with opening). Lead the network cable through the components and align the RJ45 plug with the slot on E-Net. The cable should be fully inserted until the RJ45 plug is firmly in place. Connect the other end to the home router.



*** Only use a network cable without a protection cap as the cap will not fit into the connector.**

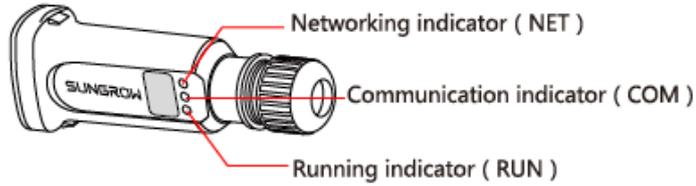


- Step 4** Reinstall the seal and tighten the sealing nut.
- Step 5** Plug the E-Net into the communication terminal. Slightly shake it to make sure that it is installed firmly.



*** Image shown here is for reference only. Actual product you receive may differ.**

Status of the LED indicator on the E-Net



LED Definition	Status Description
RUN (blue): Indication for module running	<ul style="list-style-type: none"> • On: the E-Net is running normally. • Off: the module is not running or the cable is not connected properly.
COM (green): Indication for router connection	<ul style="list-style-type: none"> • On: an IP is assigned to the E-Net and it is successfully connected to the router. • Flashing: no IP assigned and it cannot connect to the router. • Off: communication error between the inverter and the E-Net.
NET (yellow): Indication for server connection or upgrading	<ul style="list-style-type: none"> • On: successfully connected to the data server * • Flashing: firmware upgrade in process • Off: failed to connect to the data server

* Wait for about 10 minutes after home router configuration. Once the inverter WiFi is successfully connected to the data server, the NET indicator will be on.

Troubleshooting for E-Net

If only the COM light is on, it means the ethernet cable is not connected appropriately on E-Net side or the home router side. If RUN and COM lights are on, it means the E-Net is working and the connection is appropriate. You only need to wait approximate 10 mins for the NET indicator on.



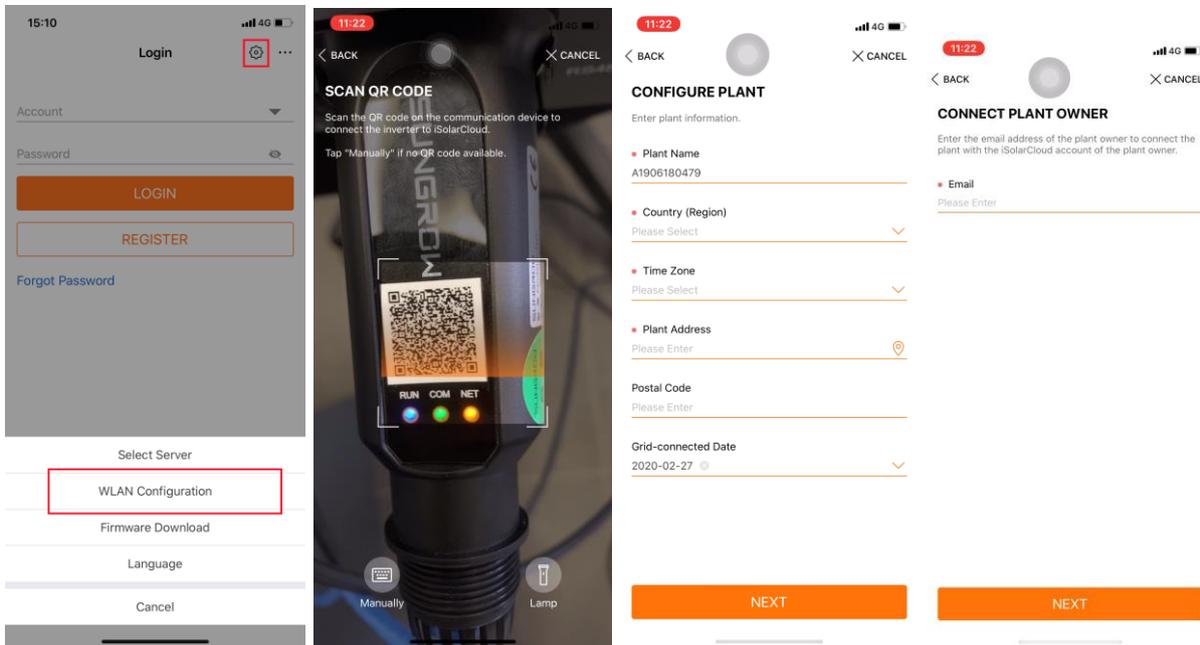
No.	Question	Answer
1	The RUN indicator goes out.	1) Check and ensure that the E-Net module is firmly installed and the network cable is connected to the home router. 2) Check and ensure that both the inverter and the router are powered on.
2	The COM indicator goes out.	1) Check and ensure that the network cable is correctly connected to the home router. 2) Check the router settings and ensure that the DHCP function is ticked (enabled).
3	The NET indicator goes out.	1) Check and ensure that the router can successfully access the Internet. 2) Check if the IP address is assigned to the E-Net from the home router. The COM indicator will be lit if it is.

Note:

If all the above items are OK, but the issue still exists, please contact the after-sale service person.

iSolarCloud setup for E-Net

Once the E-Net and ethernet cable connect well, it is easy to set up the online monitoring. Open the APP iSolarCloud and select the WLAN Configuration, scan the QR code on the E-Net dongle. Follow the APP instruction, then you can create the plant easily.



If the issue persists after following above procedures, please take photos testing on site and contact Sungrow Service Department on 1800 786 476 or email to service@sungrowpower.com.au, Monday- Friday 9am - 5pm (AEDT).