

Installation Manual – Gateway

Document# 001149 RevA (1/1/2023)

Step 1 (Ethernet Extender Install)

Plug in the ethernet extender near the home's router and connect the two with an ethernet cable.



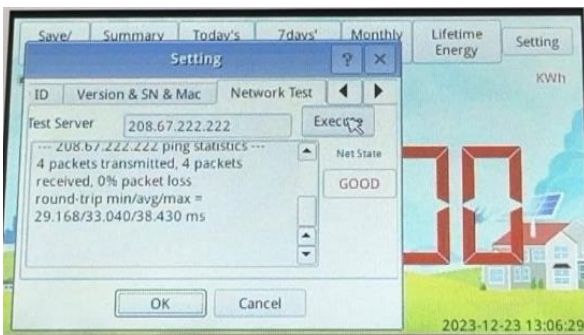
Step 2 (Power Gateway)

Connect L1, L2, and Ground from the inverter combiner box to the terminal in the enclosure using 14-gauge wire following NEC guidelines. Press down on the terminal's tabs as you slide the wire in, and release to clamp the wire.



Step 3 (Internet Connection)

Using the Stylus, tap on the gateway's display, select "Setting", then slide over to "Network Test" and select "Execute". The connection can take a minute to establish. The "Net State" should read "GOOD" and all 3 status lights on the ethernet extender should be on.



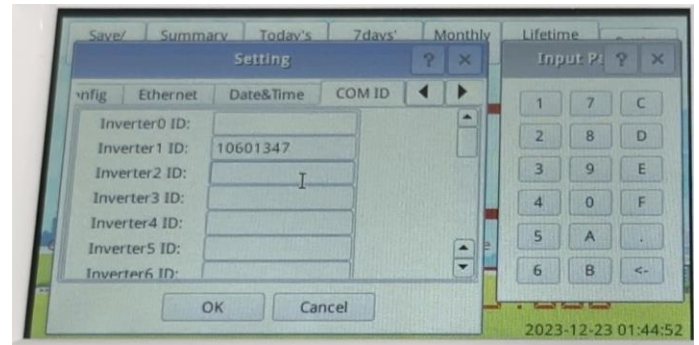
Step 4 (Inverter Serial Numbers)

SYSTEMS SHIPPED BY SOLVARI DIRECTLY TO A JOBSITE WILL HAVE SERIAL NUMBERS PREINSTALLED IN THE GATEWAY MAKING THIS STEP UNNECESSARY.

Select "Setting", then "COM ID" to enter the serial numbers using either of the following methods. After entering the serial numbers Select "OK". The system will reboot. Wait a minute and test the network again as shown in Step 3.

Input Serial #s - Method 1

Double tap on the inverter line and type in the digits between the dashes of the serial number (i.e. for serial number XXXXX-#####-X only input #####).



Input Serial #s - Method 2

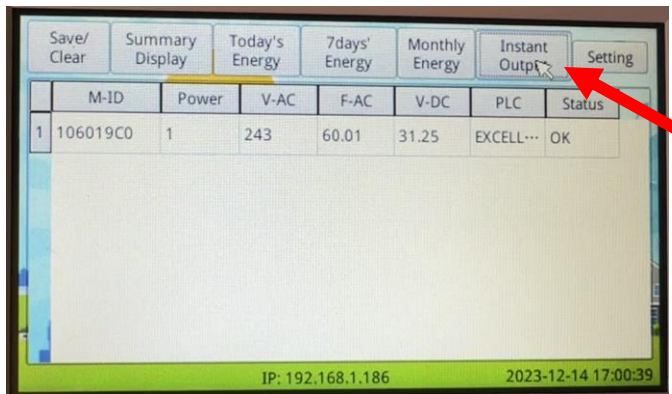
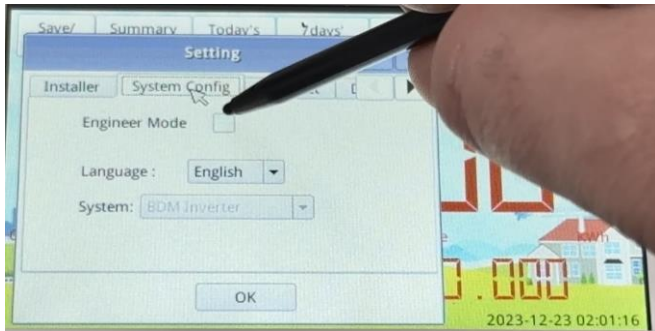
Unplug the ethernet extender USB stick, plug in a barcode scanner and scan in the inverter serial numbers. After you press "ok" plug the ethernet extender USB stick back into the gateway.



Ethernet Extender USB stick

Step 5 (Verify Power Output)

Select "Setting", then "System Config", then check "Engineer Mode". The password is 1234. A new tab on the main menu beside "Setting" appears called "Instant Output". Select "Instant Output" and check that all the inverters are producing power.

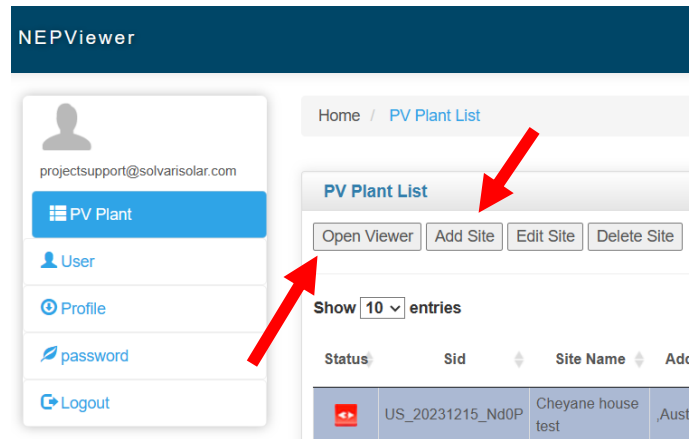


Step 6 (Web Portal)

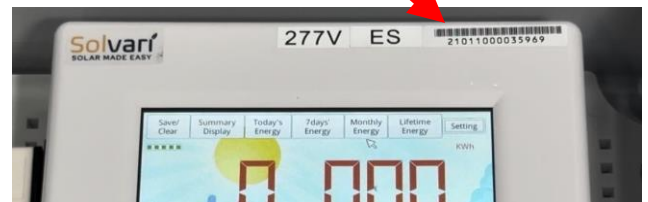
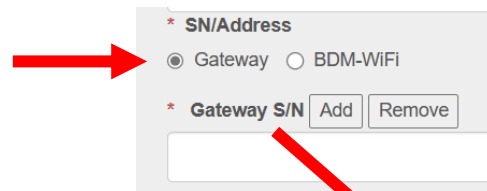
Using a computer, go to user.nepviewer.com and register an account. Login, then within the "PV Plant" tab select "Add Site". In Step 1 of 3, check "Gateway" and input the serial number from the gateway. Fill out the rest of the information. Once completed, select the jobsite which will highlight the row blue and click "Open Viewer" to monitor your system's power generation. (Note: the data has a 15-minute delay on the web page and app.)

Alternative Viewer

For cell phones and tablets, go to the Google Play or Apply App Store and download the NEPViewer app. Follow the same instructions as above to login and setup the system.



Row highlights blue once site is selected.



Step 7 (Support & Contact Info)

Solvari Project Support: (973) 953-0209



projectsupport@
solvarisolar.com



Installation &
Troubleshooting
Videos: