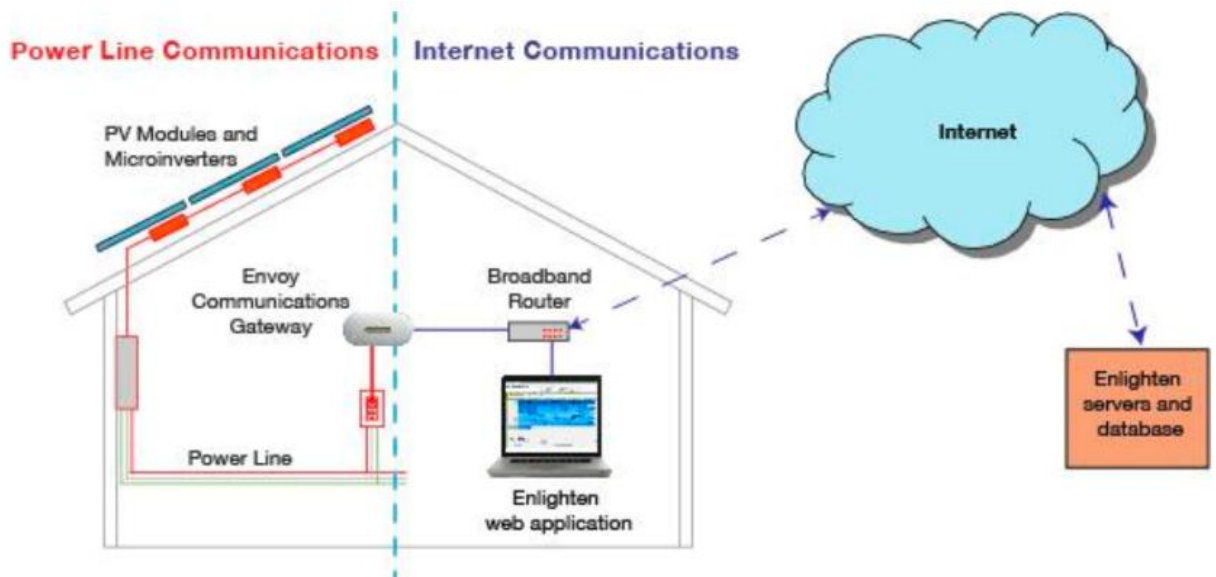


Enphase Envoy connection guide

Your system communicates solar production information through your home internet network. This communication is what allows Omnidian to monitor your system's performance and alert you of performance issues as they arise. System communication is also required for any performance guarantee claims.

Overview of your solar system



Overview of your solar hardware

Enphase Envoy

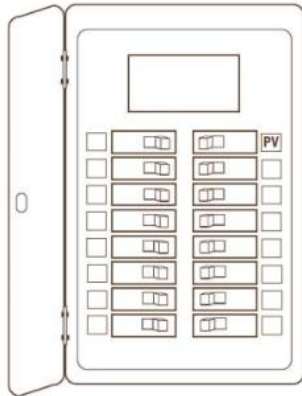


Enphase Microinverter



Electrical Service Panel

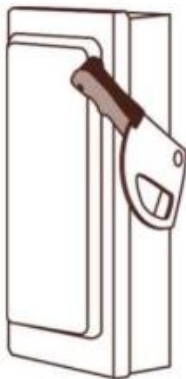
Labeled for Solar Inverter, Solar System or PV



Electrical Service Panel



AC Disconnect Lever



Powerline adapters



Make sure your system is properly connected

Your system is typically connected to the network via Ethernet, but some systems are connected wirelessly to the internet.

Option 1 - System connected via ethernet

1. Ensure your internet hardware (e.g: modem, router) is properly set up and that you have functional internet in your home.

NOTE: The router and modem can be merged in one device or they can be separated in two devices.

Example of a router and modem separated in two devices:



Modem (examples)

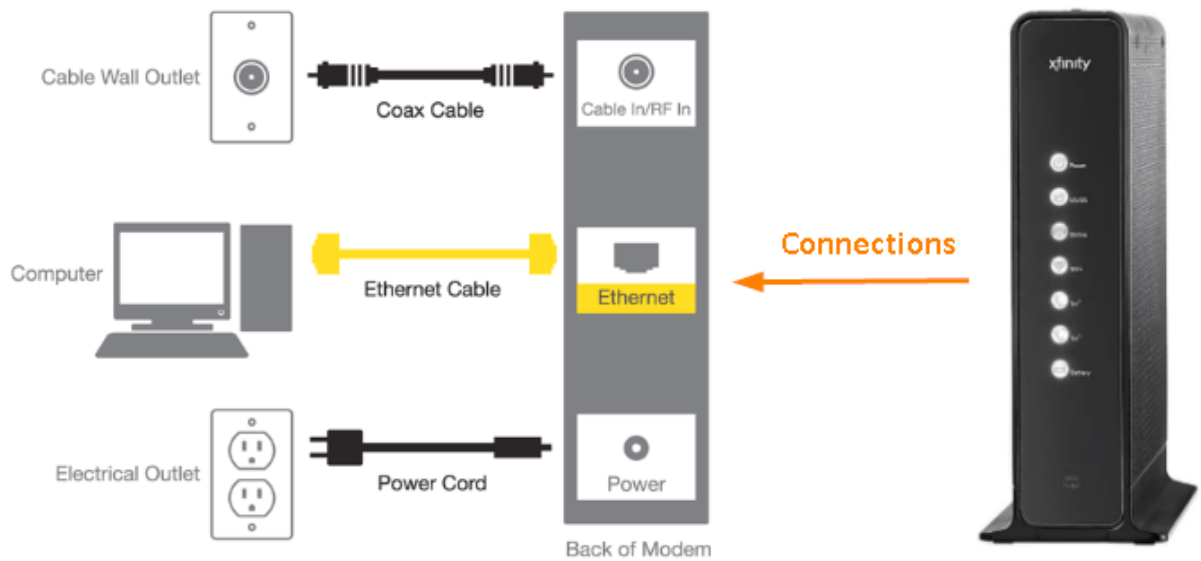


Wireless Router

Modem and wireless router connected:



Example of the connections of router and modem merged in one device:



2. Ensure the ethernet cable from the solar system is plugged into your internet (router).
3. Your solar system could be connected in one of these ways:

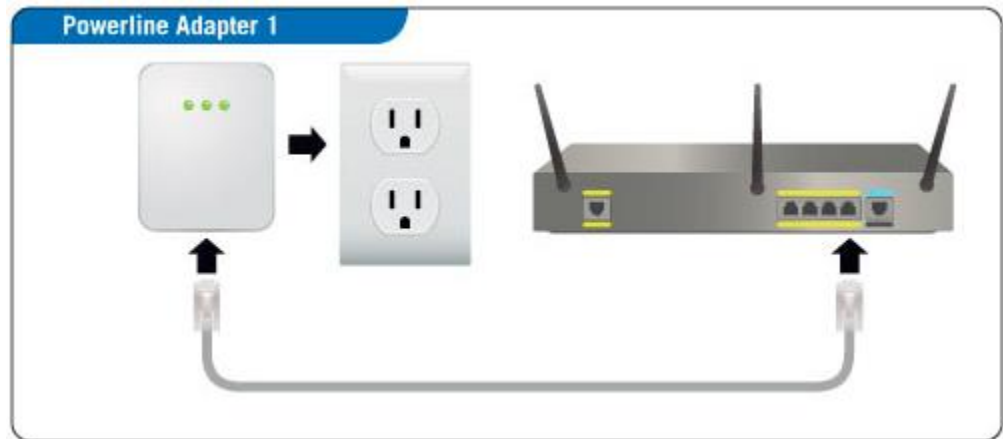
- a. Your solar system could have a direct connection via an ethernet cable:



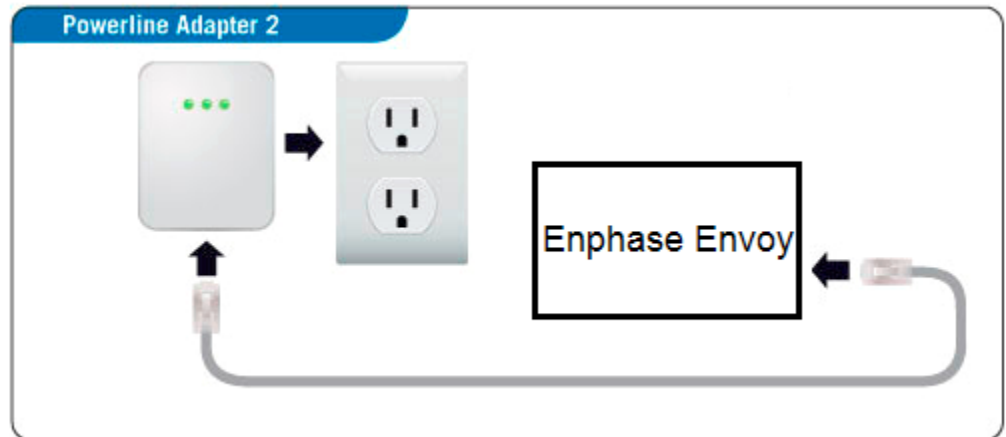
- b. Or your solar system could be connected with Power Line Adapters.

If your are using Powerline Adapters (PLA):

- i. Ensure you have two powerline adapters.
- ii. Ensure the PLAs are plugged directly into a wall outlet, power strips and surge protectors could impede communication.
- iii. One powerline adapter is connected to one of the LAN ports of the router.



- iv. The other powerline adapter is connect to the solar monitoring system.



Option 2 - System connected wirelessly

1. Check if your Envoy has a Wi-Fi stick, if so it is connecting wirelessly to the internet.



2. Verify that the Wi-Fi stick is plugged into the Envoy USB port closest to the power cord (on the left looking at the LCD screen).

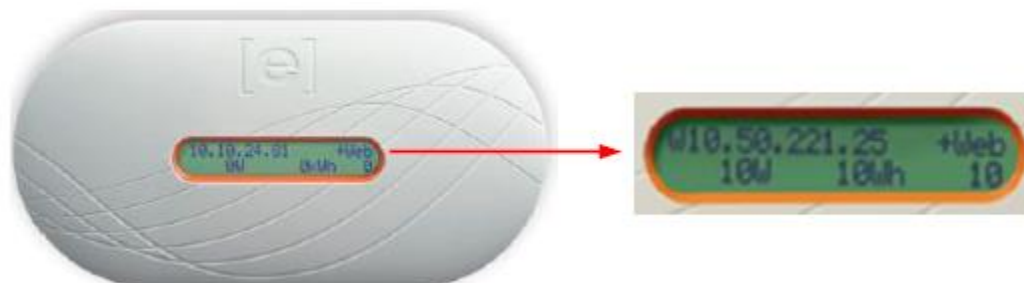


Power-Cycling of System

1. Unplug the router, the modem and the Envoy, wait 30 seconds.
2. If you have powerline adapters (PLAs), unplug both PLAs.
3. Plug the modem back in. Wait at least 60 seconds.
4. Usually the modems have four lights: a power light, a received light, a send light, and an activity light. Make sure the first three lights are stable, indicating the modem is fully powered on.
5. Plug the router back in. Wait at least 2 minutes.
6. The lights on your router should start blinking. Look at the router's status indicator light. There should be a blinking or steady light for the internet connection.
7. Plug PLAs back in.
8. If the Envoy is connected via ethernet, plug the Envoy back in. Make sure the Envoy's port lights are lit.



9. Finally, please make sure no circuit breakers have been tripped in your service panel or your solar sub-panel. These should be clearly labeled for Solar and/or Monitoring in your service panel(s). If a breaker is OFF, its handle may sometimes be in the middle, so you may have to turn it all the way to the OFF position first before turning it to the ON position.
10. Some systems have a separate AC Disconnect lever in addition to the dial located on your inverter. Please also make sure that lever is in the ON position.
11. If the Envoy display has a +Web , the Envoy is connected to Enlighten.



Contact Us

Contact Omnidian Support for further assistance at +1 (855) 685-1067