

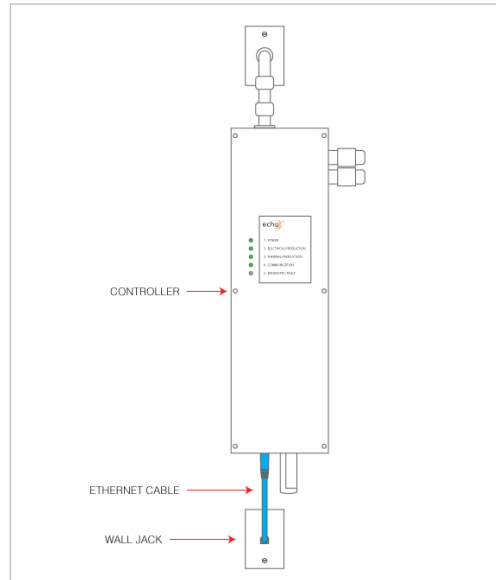


Echo Solar System

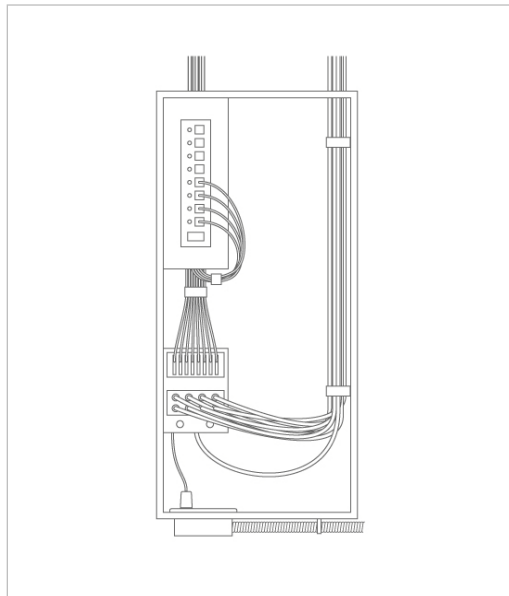
Connect Your System To The Internet

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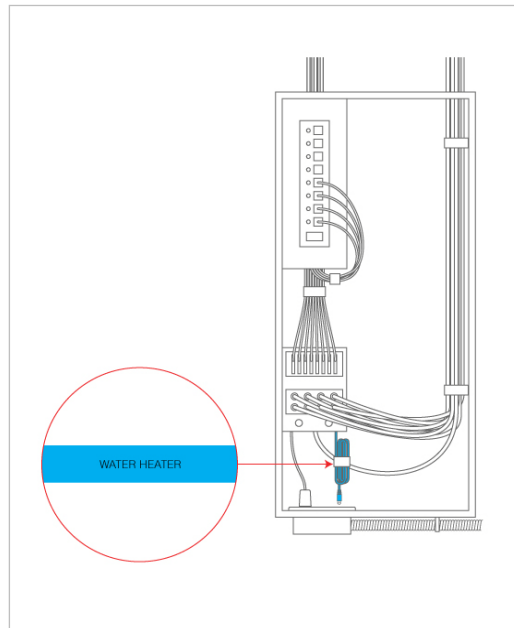
1. Please connect the **Echo** solar system Controller to the wall jack using the supplied Cat 5e Ethernet cable (your Controller is located near your home's hot water tank)
 - One end of the cable should be attached to the wall jack and the other end should be inserted into the Ethernet jack located on the underside of the Controller



2. Go to the structured wiring closet in your home
 - It is often located in or near the laundry room, and will look like a small rectangular panel inset into the wall. Ask your builder to show you the exact location.

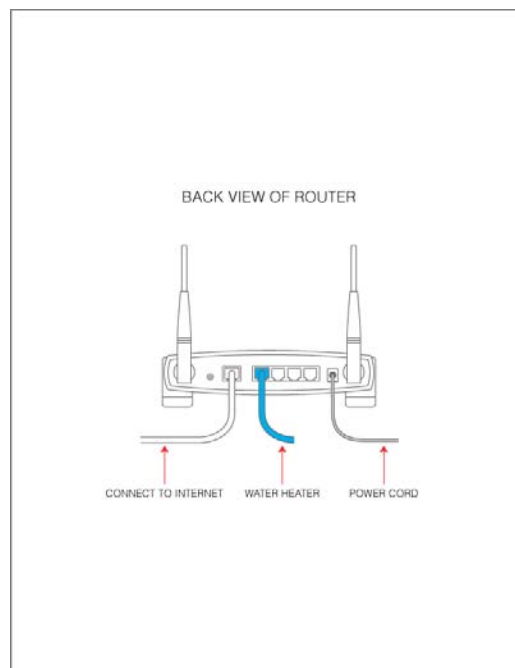


3. Open the structured wiring closet and find the wire marked “water heater” or “garage” (it will be marked with black permanent marker)



4. Connect this wire to a port on your router

- **IMPORTANT**
- the wire must be directly connected to your router
- the router must be located in the structured wiring closet
- remember that you must still connect your router to the internet with a separate wire and you must still supply power to your router via a power cord



Please note:

- Your homebuilder has included a structured wiring closet in your home
- Your homebuilder DOES NOT PROVIDE a modem or a router
- We suggest you use a separate modem and a 4-port router
- You must locate your router and modem in your structured wiring closet to take advantage of this feature and to connect your **Echo** solar system Controller

Troubleshooting:

Q: How can I tell if I have successfully registered my system?

A: You were able to log in to the website using the password you have created.

Q: I've registered my system successfully but my GUI does not show any data.

A: Your system is not communicating through the internet. You may not have an internet connection in your home, or your system may not be connected to the internet.

Q: I have an internet connection to other devices in my home but my GUI does not show any data.

A: Your system is not connected to the internet, or your Controller has not been turned on.

Q: How will I know if my Echo solar system is working if I can't see any data in the GUI?

A: Your **Echo** solar system will still generate energy without an internet connection. To determine system operation:

Electricity generation:

- Check the front panel of the inverter to see real time electricity production

Thermal generation:

- **At noon on a sunny day**, you can check the "from collector" pipe going to the hot water tank to see if it is hot. **IMPORTANT:** The "from collector" pipe may be very hot, be careful not to burn yourself.

Q: I can see thermal energy production via the GUI but no electrical production – why?

A: Your system may not be activated (interconnected) to the utility grid.

Echo must be activated by your utility before you can receive electricity. Echo does not need to be activated before it can generate thermal energy for water heating, home heating, and home cooling.

Your **Echo** solar system is a "grid-connected" system – even though you have a solar system, your home is still connected to the utility grid, and you can still receive electricity from the utility. This works to your benefit: if it is sunny outside and **Echo** is generating electricity, you can use the electricity to power your home and appliances. If you don't need the electricity, it is automatically sent back to the utility grid and your utility will credit you with the savings. When **Echo** is not generating electricity, you can power your home with the electricity you purchase from your local utility company.

Although your system has been professionally installed and is ready to provide you with electricity, your utility may require you to sign and return additional forms before they will activate your system. *Please be on the lookout for these forms in the mail and sign and return these to the utility immediately if you have not done so already.*

Should you have any questions, please call: 1 - 800 – 970 – ECHO