Aeon Labs Home Energy Monitor

LED

Clamp Connectors

Step 1: Connecting Home Energy Monitor to the AC Mains

DANGER! ELECTRIC SHOCK RISK Important: Only a licensed electrician should perform these steps. Unless otherwise stated, the circuit box's main breaker should be turned off to perform these installation steps.
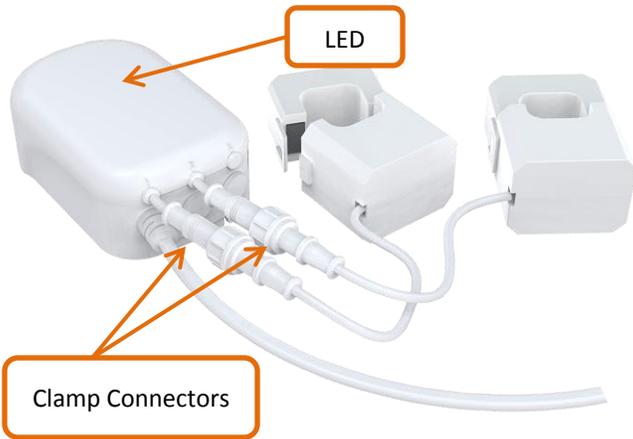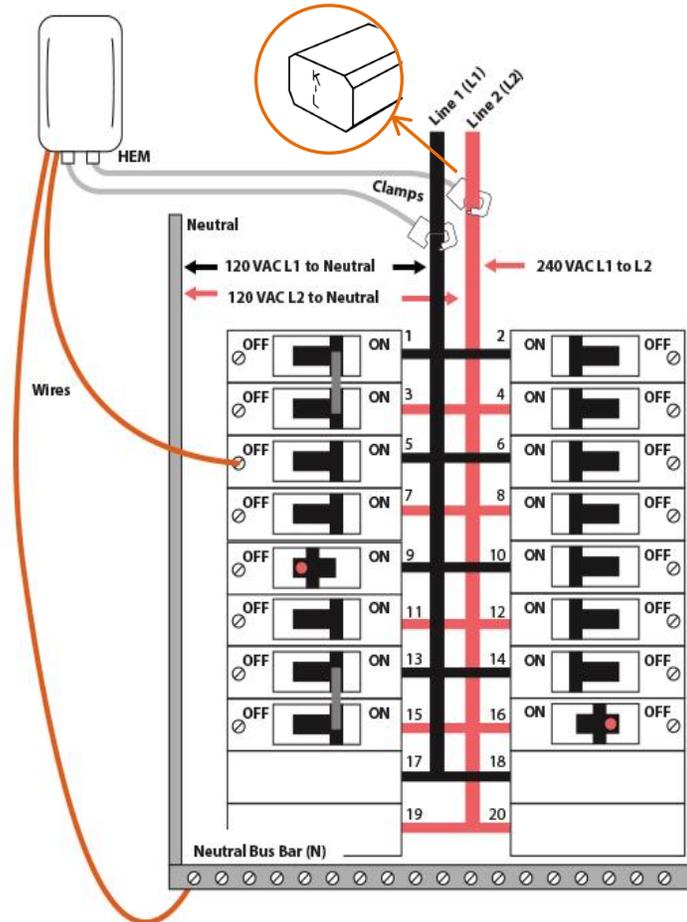

1) **Important: Turn the main breaker off and open the main circuit box panel.**
2) Clip clamps of the meter around the incoming electricity cable that connect to the main circuit breaker. **Important: HEM G2 have directionality on the clamps.** Please make sure that the direction of the current is going from K to L on both clamps. **Both clamps need to be consistent in the direction of the current (from K to L).**

3) Connect the clamp to the meter using a Clamp Connector (1).
4) Affix one of the AC Power exposed wires into a neutral bus terminal and the other exposed wire into a live terminal coming from the main circuit breaker.

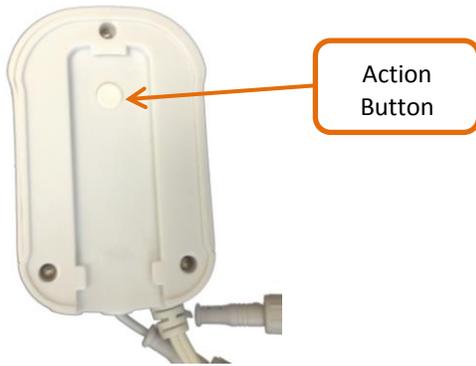**Step 2: Placing the Home Energy Meter**
It is now time to place the main body of the Home Energy Meter. Inside the meter is a radio antenna used for communications, and this must be taken into consideration when selecting a location for the meter.
If the circuit box is made of metal, it is recommended that the main body of the meter be affixed outside the circuit box. The Home Energy Meter G2 has been weatherized to the international IP44 standard so that it is resistant to rain and snow when placed vertically with the wires protruding from the bottom of the unit.

1) Slip open the backing plate from the back of your meter
2) Affix the plate to the selected wall space using the provided screws
3) Attach your meter to the backing plate.
4) Replace the main circuit box panel.
5) Turn the main breaker back on.

Step 3: Associating the Home Energy Monitor to a Z-Wave network

Action Button

LED pattern overview:

Normal use

Light Pattern	Description
Solid	Currently in a Z-Wave network.
Slow Blink	Not currently in a Z-Wave network.

After pressing the Action Button:

Light Pattern	Description
Fast Blink followed by quickly by solid	The device is in a Z-Wave network.
Fast Blink	The devices is not in a Z-Wave network
Fast Blink followed quickly by solid followed by slow blink	The device was in a Z-Wave network, but has since been removed from that network.

Add to an existing Z-Wave network

These steps can be performed without an electrician:
1) Enter Add Mode on the security panel
2) Press the Action Button. If the linking was unsuccessful the light will blink after pressing your meter's Action Button. In this case, please try again and make sure the smart switch is not already part of another network by following instructions for removing device from Z-Wave network.

Remove from a Z-Wave network
1) Enter Delete Mode on the security panel
2) Press Action Button. If the removal was unsuccessful, the light will be solid after pressing your meter's Action Button. In that case, try again.