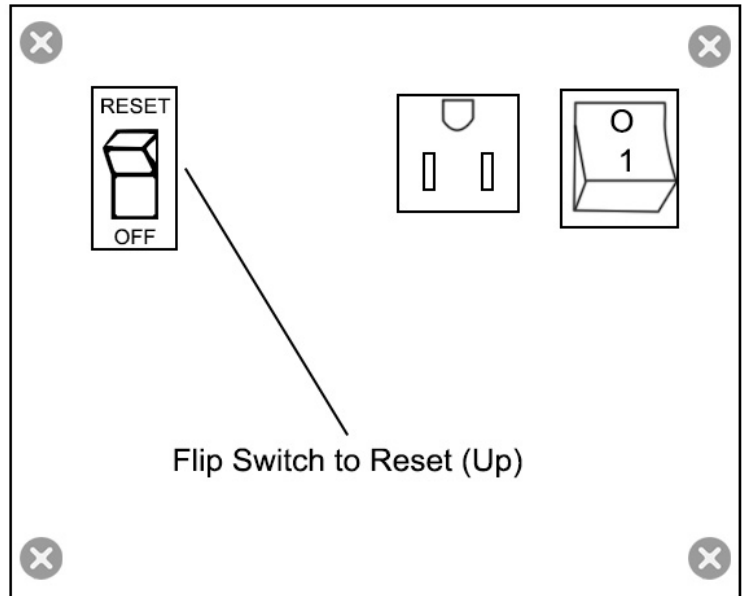


1. Open the black cover of your gate opener.

On the back of the gate opener, make sure the battery switch is turned on.

The battery is on when the switch is set to reset - facing up.



2. Included with your solar panel is a red and black wire.

Take the red and black wire and connect it to the 24VDC SOLAR Input on the gate operator circuit board - Figure A in the below image.

On the side of the circuit board should be a small circular hole that leads down to the bottom of the gate opener. Move the red and black wire down this hole so it leads to the bottom of the gate operator - Figure B in the below image.

FIGURE A

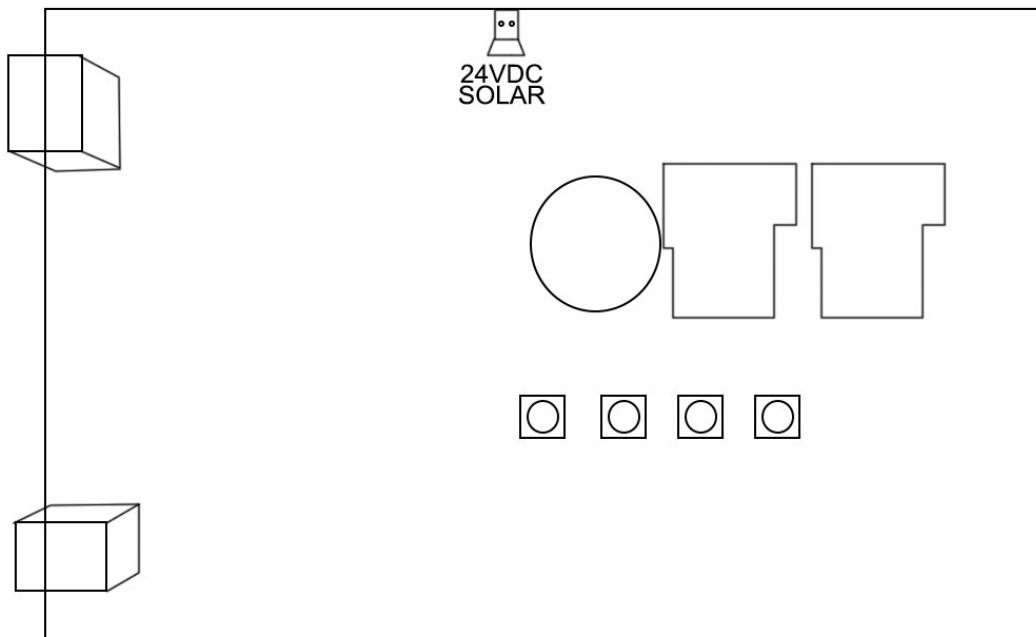
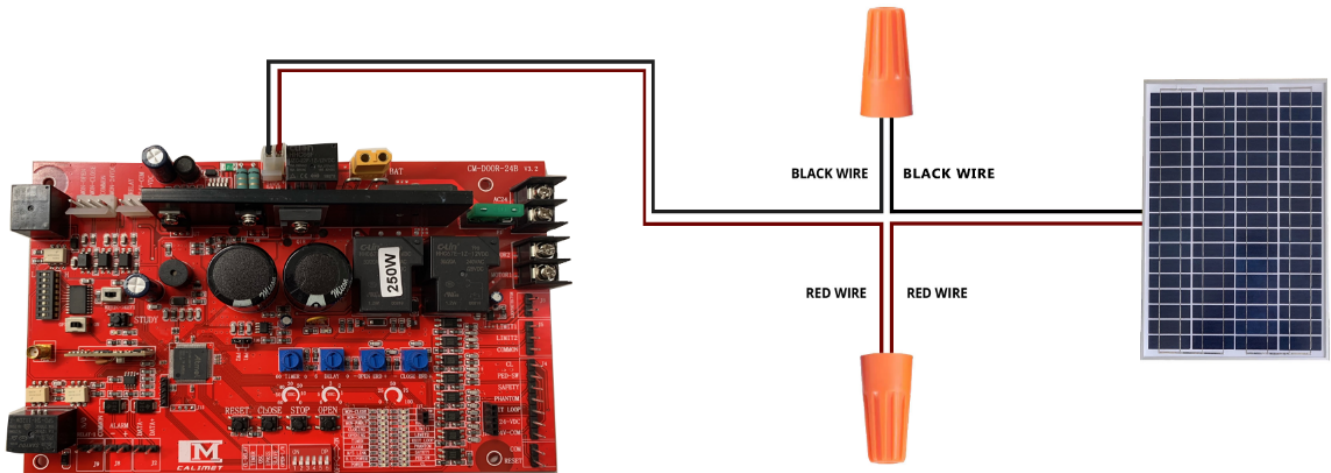


FIGURE B

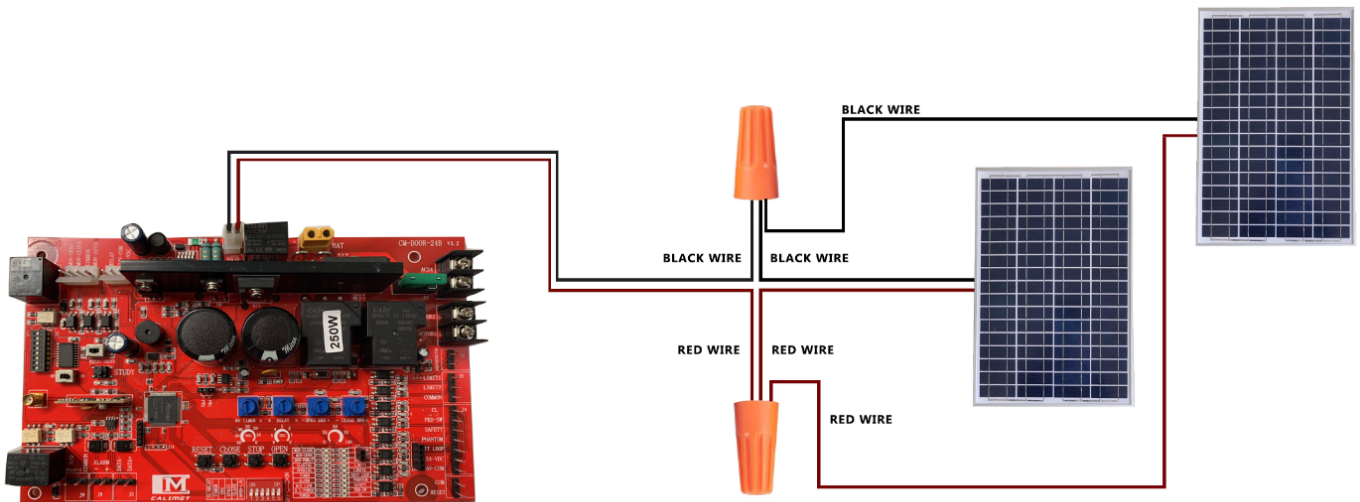
3. Connect the red and black wire from the circuit board to the red and black wires on the solar panel.

Then put the orange wire connector cap on top and turn to lock the wires together.

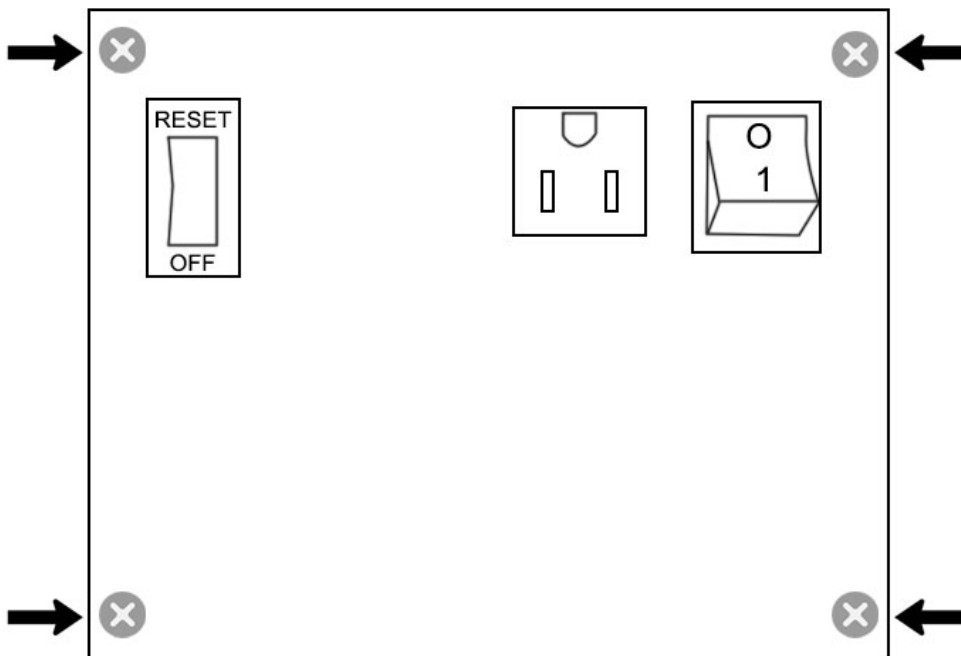


**Multiple Solar Panels** - If you have more than one solar panel, connect all red wires together, and connect all black wires together.

Twist orange wire connector cap to close.



3. Using a screwdriver, unscrew the 4 screws on the panel of your gate opener.



4. Inside the panel you should see the blue battery and a small red circuit board.

Verify that there is a blue LED light on the circuit board. This means the solar panel is charging the battery, and that it is was correctly set up.

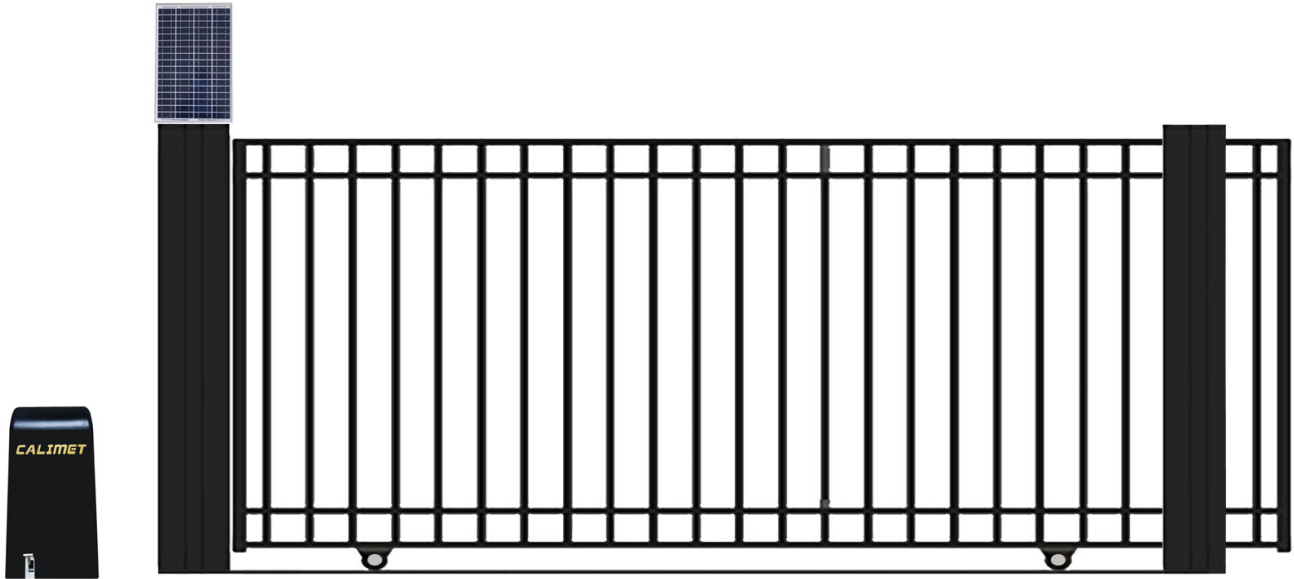
If the light is green, it means the battery is not charging. This could be because there is no sunlight (cloudy skies) or a tree is blocking the solar panel. If this is the case, move the solar panel to a different location.

5. Place your solar panel anywhere, typically on a pole or post, facing upwards towards the sky at a **45 degree angle**, preferably facing **SOUTH**.

Make sure the solar panel can receive direct sunlight. If a tree, or other forms of shade blocks the solar panel, move the solar panel to a different location.

Note: TWO or more solar panels are recommended for gate openers that are only using solar panels for electricity and does not have 110V direct power.

If needed, use screws or other adhesives to hold the solar panel in place.



### **Mounting Pole/Post**

The solar panel can be mounted on a pole or post (not included).

### **(Optional) Extending the length of the wires**

If you need to place your solar panels further away but the wires are not long enough, you can join(splice) a 20 gauge electrical wire to extend the length.