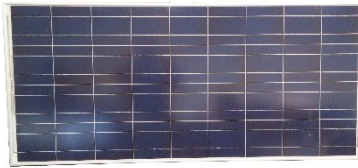


Your panel should come with the following components:

Solar Panel



Bracket package with:

2 channels with 8 slots



4 angle brackets



2 long lengths of angle with 4 holes, two in each end



2 short lengths of angle with 2 holes, one in each end



Bag of Hardware with:

4 x 7/16" bolts (for attaching long angles to back of panel.)

4 x 7/16" nuts

8 x small washers

4 x small lock washers

14 x 1/2" bolts (for all other connections)

14 x 1/2" nuts

28 x large washer

14 x large lock washers



You will also need square u-bolts for installation of the panel bracket to the pole.

On the ground,
attach the angle
brackets to the
channel.

The short leg of the
angle bracket should
match the slots in the
channel pieces.

Use the larger bolts
for the connection.



<p>Place panel front side down. Please make sure you have a surface that will not scratch front of panel.</p> <p>Attach the longer angle to the back of the panel matching the holes in the panel to the holes in the angle using the smaller bolts from the hardware bag.</p> <p>Dry assemble channel to the panel to set the distance on the angles prior to pole installation.</p> <p>This should ease installation of the panel.</p>	
<p>Attach both channels to the pole. Tighten the channel for the top. This will be the final location for the top of the panel.</p> <p>The lower channel should be finger tightened to allow some movement up and down pole to ease installation of bottom legs.</p>	

Attach panel to the top channel using the larger bolts.

The panel should be allowed to swing freely to allow installation of legs and properly set final angle to maximize power output.

Inset Detail is underside of solar panel.



Attach legs to the panel. It is recommended the flat side of the leg faces the ground.



Swing panel out and attach legs to bottom channel.



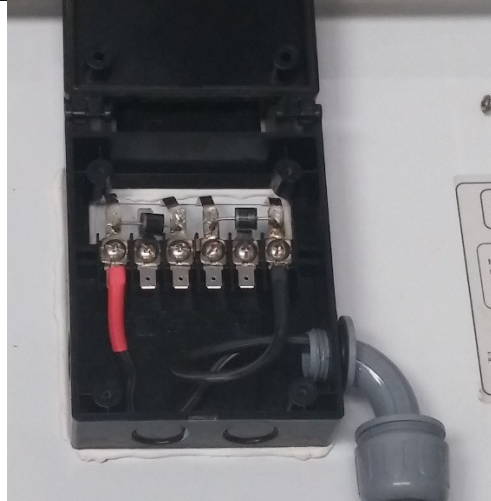
Tighten angle brackets on bottom bracket.

Move bottom channel on pole lifting panel to final proper angle to maximize power output of panel.

Tighten all bolts on connections once panel is in final position.



The electrical connections should be installed as shown below:

<p>Open junction box on back of solar panel.</p>	
<p>Install your conduit connector on the side of the junction box.</p> <p>Pull the wires through the conduit being used and into the junction box.</p>	
<p>Connect the red wire terminal to the + terminal and the black wire terminal to the - terminal in the junction box.</p>	

Connect the conduit to the pole and run the wires down through the pole. Attach the power to the control unit as detailed in the relevant installation guide for the system.