

CTEMPs Solar Stand Assembly Reference Sheet

Parts & Hardware

2x 30" Aluminum Uni-Strut [Base]

2x 16" Aluminum Channel [Vertical]

2x 26" 90° Angle Aluminum Stock

4x 90° 2"x2"x1.5" Brackets

4x tab lock nuts

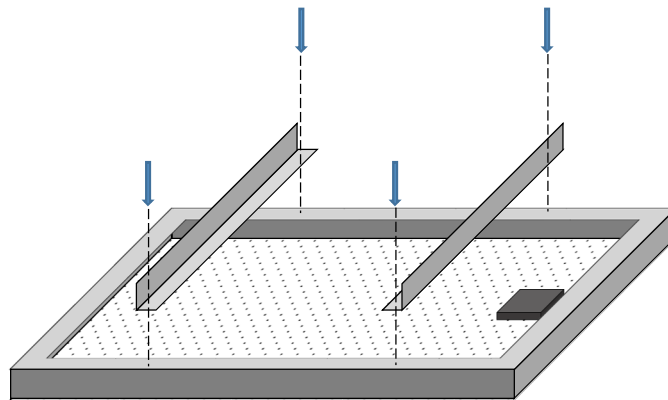


10x 1/4" x 3/4" bolt

All mounting hardware is contained in a black canvas bag with a yellow stripe. Aluminum channel strut, braces and supports for the solar panel assembly are marked with yellow.

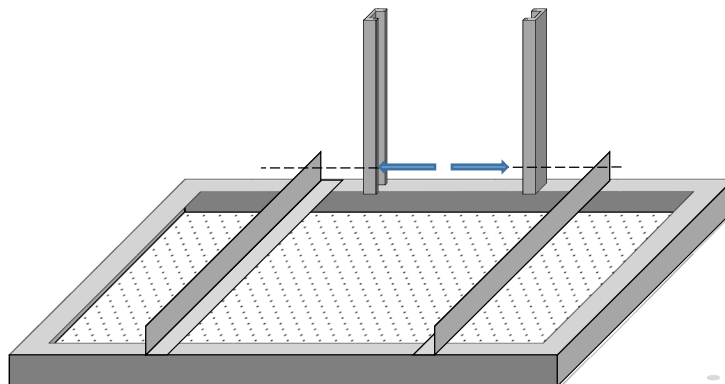
Attach 90° Angle Aluminum Stock

- Lay the solar panel face down on a flat soft surface if possible
- Attach the 1.5" side (short side) of the 30" 90° Angle Aluminum Stock to the solar panel



Attach Vertical Supports

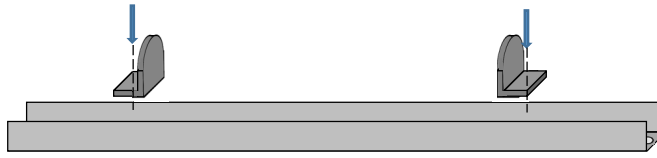
- Attach the XX" aluminum channel supports
- IMPORTANT: Take note of the power supply location on the solar panel. Orient the power supply of each unit so that it is closest to the location of the DTS. This will ensure all panels will be able to reach to solar control box.



Drawings not to scale.

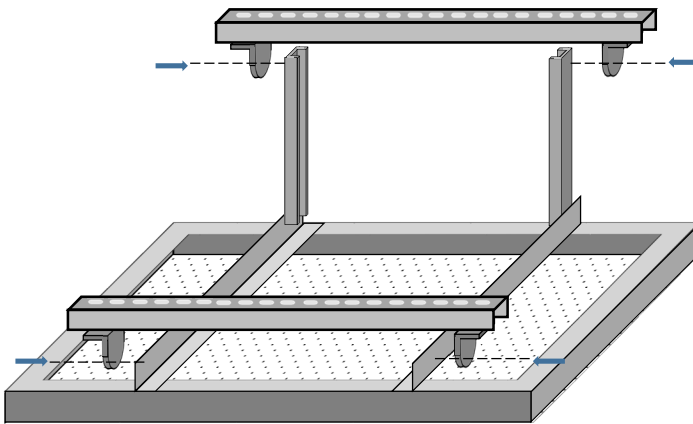
Prepare the Channel Strut Bases

- Loosely attach two 90° 2"x2"x1.5" Brackets to each channel strut



Attache the Channel Strut Bases

- Slide the 90° brackets on the channel strut until they touch the corresponding brackets
- Attach the channel strut to the assembly with the provided hardware
- Tighten all hardware to be snug



Adjust Supports & Tighten Hardware

- Flip the solar panel over and rotate the supports such that the channel strut is flat on the ground
- Tighten all hardware

