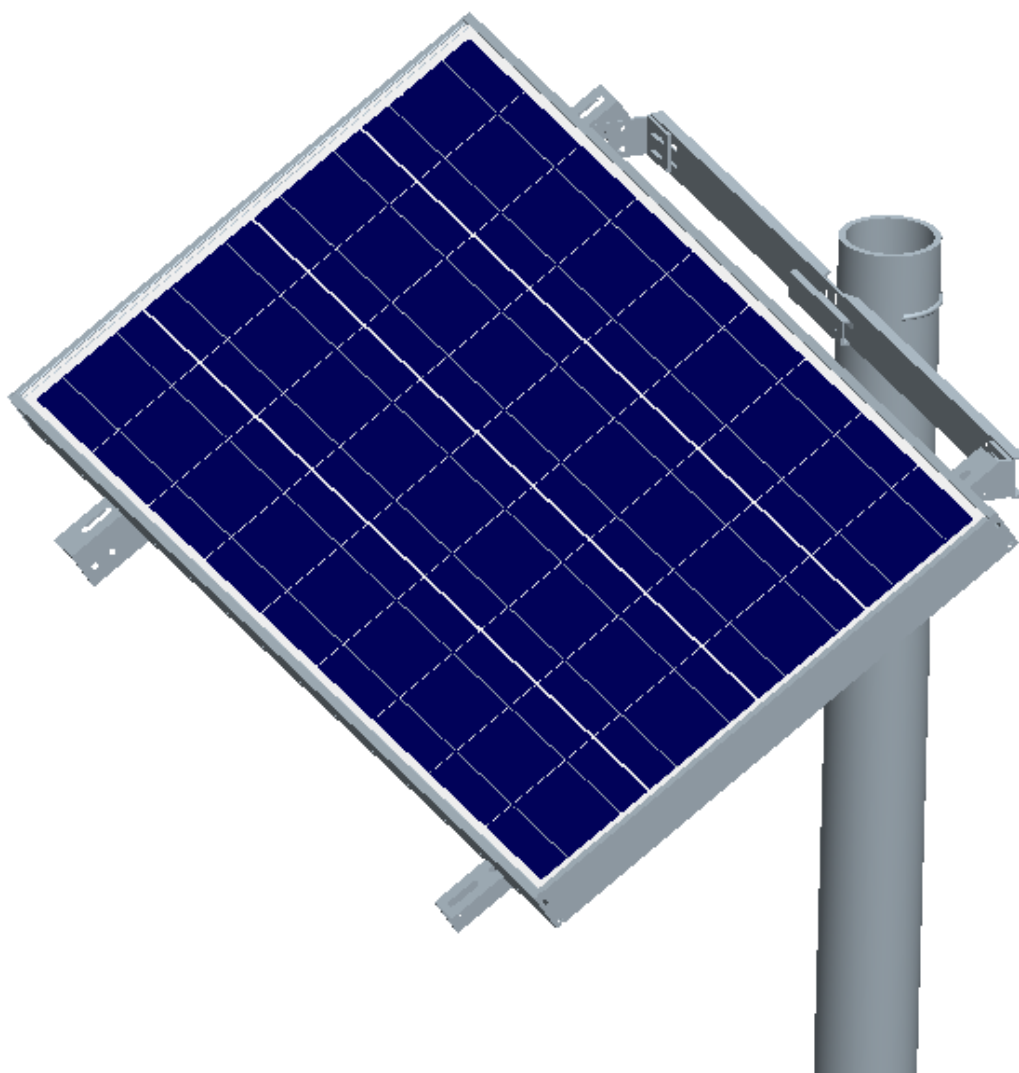




BRIGHT SOLAR POWER

Installation Manual Universal Side-of-Pole Mount BS09007-SL



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Solar Mounting Solutions

Introduction

The Universal Side-of-Pole Mount BS09007SL is a simple and straightforward pole mounting solution for small area solar photovoltaic (PV) needs. With its user settable angle adjustment, it can support installations in a wide range of locations.

In addition, Our BS09007SL supports:

- ◆ A single PV panel up to 680mm (26.77 inches) in width.
- ◆ Pole diameters from 2.0 inches to 4.5-inches.

1. Installer Responsibility

The installer is solely responsible for:

- ◆Complying with all applicable local or national building codes, including any that may supersede this manual
- ◆Ensuring that Bright Solar and other products are appropriate for the particular installation and the installation environment
- ◆Ensuring that the selected mount can support the array under live load conditions
- ◆Using only Bright Solar parts and installer-supplied parts as specified by Bright Solar. Substitution parts may void the warranty
- ◆Ensuring safe installation of all electrical aspects of the PV array.

2. Customer Support

Bright Solar makes every effort to ensure your mounting kit is easy to install. If you need assistance at any point with your installation or have suggestions on how we can improve your experience, call Bright Solar customer support: 86-512-82190750, or email to sales@brightsolar-power.com

3. Tools Required For Assembly

The following tools are required to assemble the Universal Side-of-Pole Mount:

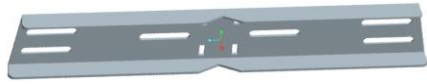
Tool	Used for
Wrenches Open-end wrench, Box-end wrench, or 3/8” or greater socket drive with sockets to support the following size hex heads: 5/16”	◆5/16”cap-end screws ◆5/16” bolts ◆Cap-end screws on hose clamps
Screwdriver	Cap-end screws on hose clamps

4. Component List

The Universal Side-of-Pole Mount BS09008 kit contains the following parts:

Bucket x1

Attaches to the pole with the hose clamps, providing the link between the pole and the module/rail assembly



Hose Clamps x2

Attach to the pole, holding the Bucket. These hose clamps are compatible with poles ranging from 2.0 inches to 4.5 inches

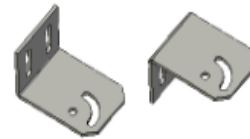


Rail supports x2

Attach directly to the back of the module



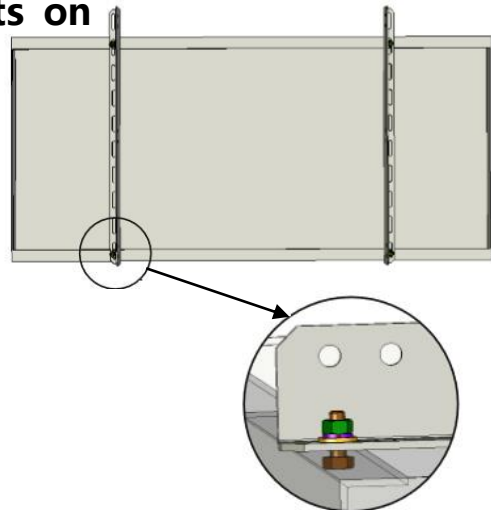
Clips(left& right x1)



5. Assembly

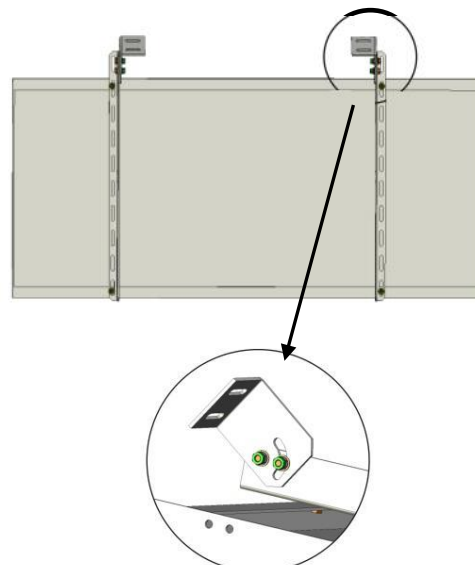
Step 1 - mounting the rail supports on

1. Lay the PV Module face down on a protected flat surface
2. Place the rails on the back of the panel so the lip of the rail containing the module mounting holes is facing towards the **outside edges** of the module.
3. Secure the rails with a bolt, lock washer and hex nut in each of the 4 mounting holes



Step 2 - attaching the clips to the rails

1. Attach the clips to the rails so the protruding end of the clips are facing the **center** of the module.
2. Attach the clips to the rails. In each of the mounting holes, use a bolt and flat washer on one side, and a flat washer, lock washer and nut on the other.
3. Tighten the bolts to 8.3 ft-lbs.

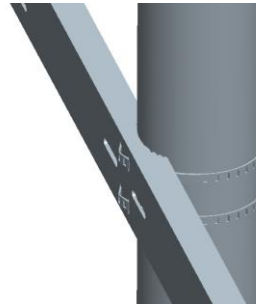


Step 3 - attaching the bucket to the pole

Thread each hose clamp through one of the sets of narrow center holes in the bucket as shown and place at the desired location on the pole.

This hose clamp is only compatible with poles ranging from 2.0" to 4.5"

Tighten the hose clamp screws to 70 inch-lbs.

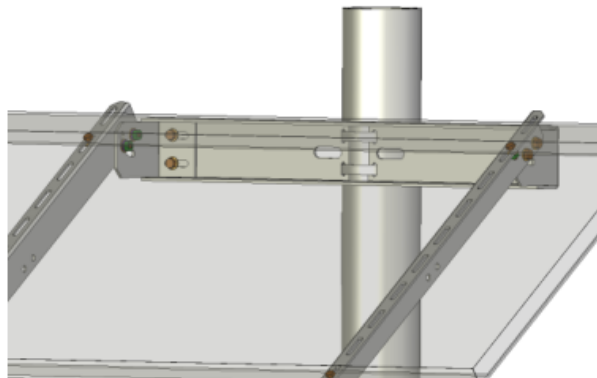


Step 4 - mounting the PV assembly on the pole

1. Place the PV module assembly so the holes on the clips line up with holes in the inside of the bucket.

Note:

1. Installer could remove the clips on the bucket, to match the solar panel install hole
2. Depending on the size the panel you started with, your assembly may look different than this picture, with the clips and rails facing in the opposite direction.



2. Attach the clips to the bucket. In each of the 4 mounting holes, use a bolt and flat washer on one side, and a washer, lock washer and nut on the other.
Tighten the bolts to 8.3 ft-lbs.

3. If desired, loosen the bolts holding the rails to the clips, and adjust the tilt of the panel as required.
Tighten the bolts to 8.3 ft-lbs.

