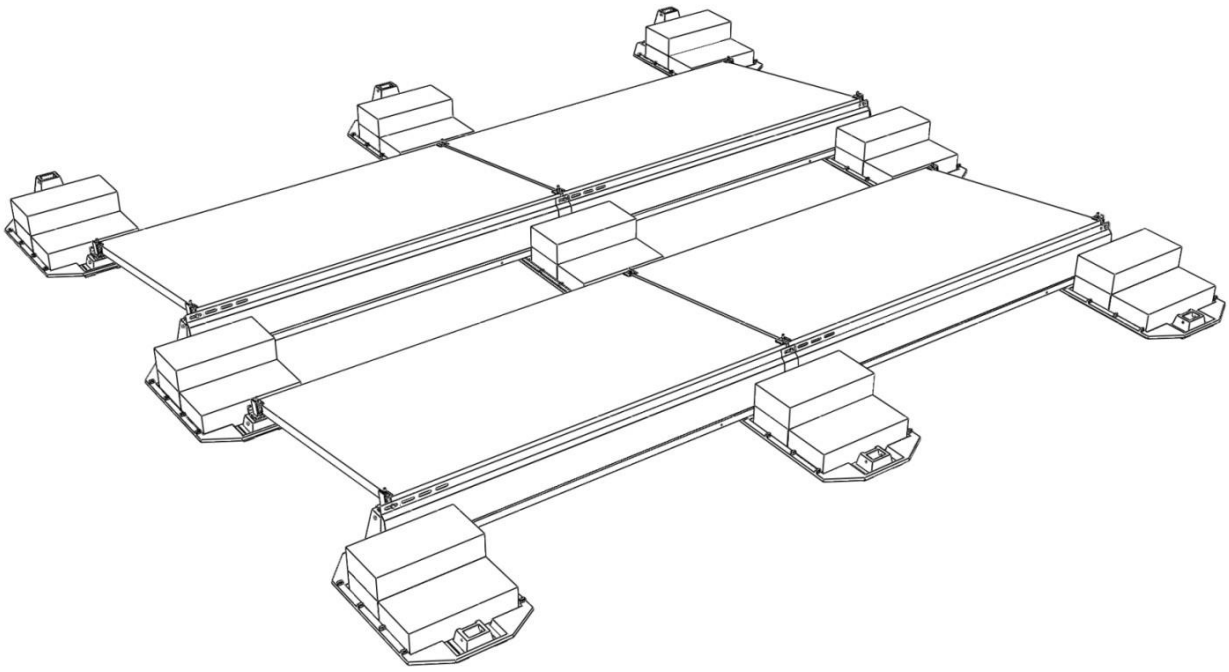
EcoFoot2®



Installation Guide

Rev B

Solar Panels Plus

The installer is solely responsible for:

Utilizing all necessary safety equipment, as required by applicable rules and regulations or as required by common sense

Complying with all applicable local or national building codes, including any that may supersede this manual

Ensuring that the Solar Ecofoot and other products are appropriate for the particular installations and are designed for the installation environment

Ensuring that the roof, its rafters, connections, and other structural support members can support the array under live load conditions

Maintaining the waterproof integrity of the roof including selection of appropriate flashing

Ensuring safe installation of all electrical aspects of the entire system

Disclaimer of Liability

Solar Panels Plus does not assume responsibility and expressly disclaims liability for loss, damage, or expense arising out of, or in any way connected with installation, operation, use, or maintenance by using this manual.

Solar Panels Plus assumes no responsibility for any infringement of patents or other rights of third parties, which may result from use of modules. No license is granted by implication or under any patent or patent rights. The information in this manual is believed to be reliable, but does not constitute an expressed and/or implied warranty.

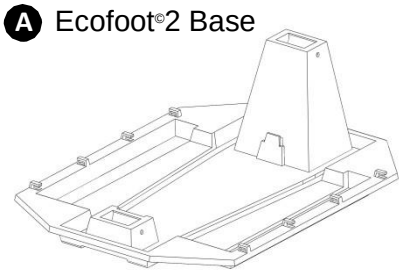
Solar Panels Plus reserves the right to make changes to the product, specifications, data sheets and this manual without prior notice.

This document is not prescriptive regarding safety and does not purport to address all the safety concerns that may arise with its use. Contractors should become familiar with all applicable safety, health, and regulatory requirements before beginning work.

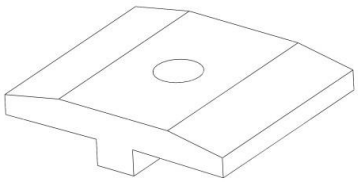
Unauthorized field modification of Solar Panels Plus components or assemblies may affect Solar Panels Plus warranty coverage. Provide written drawings for Solar Panels Plus' review, comment and approval prior to attempting any field modifications.

Ecofoot©2 Components

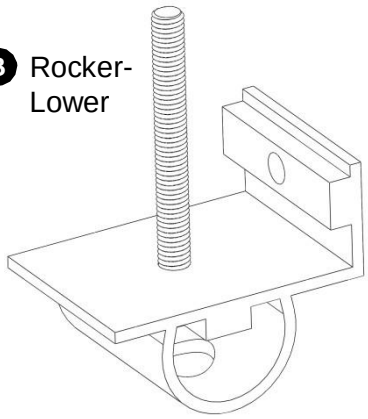
A Ecofoot©2 Base



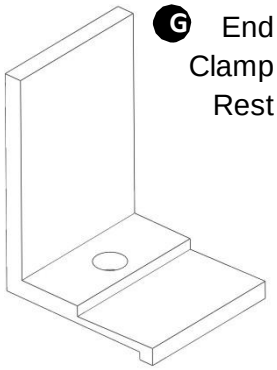
F Mid Clamp



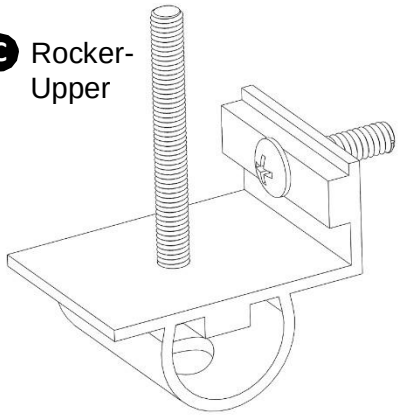
B Rocker-Lower



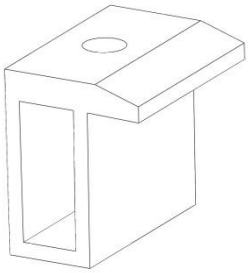
G End Clamp Rest



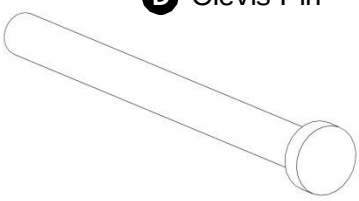
C Rocker-Upper



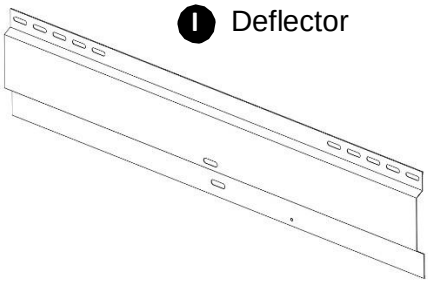
H End Clamp



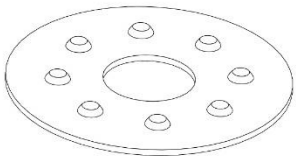
D Clevis Pin



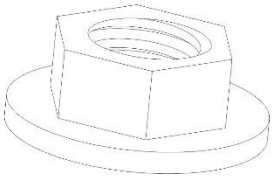
I Deflector



E WEEB



J Nut



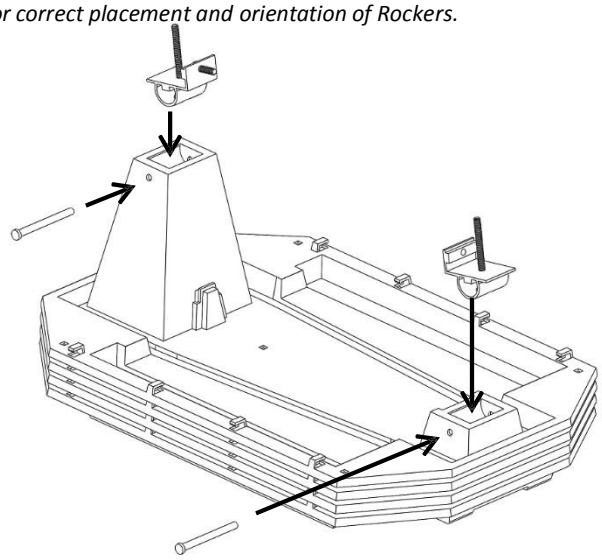
Ecofoot©2 Installation Instructions

1 Chalk lines on roof denoting two outside edges of the Ecofoot©2 according to project drawing.

Tip: Ensure lines are square using 3-4-5 principle.

2 Place Rocker-Lower (B) and Rocker-Upper (C) into Ecofoot©2 Base (A) as showm. Push Clevis Pin (D) completely into Ecofoot©2 Base(A) to secure Rocker.

Tip: Only install Rockers where modules will rest. Refer to diagram for correct placement and orientation of Rockers.

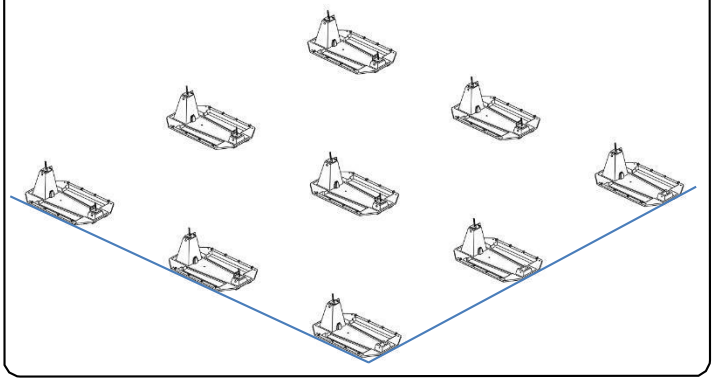


3 Place Ecofoot©2 Bases (A) in position.

Tip: As you build the array, panels will space Bases. Roughly place a few rows of Bases at a time so that they are within reach of final location.

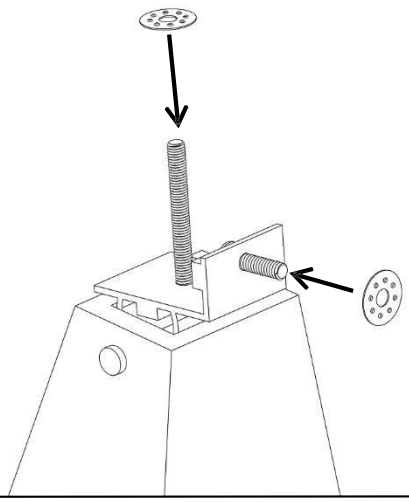
Tip: If installation requires 2 blocks or less on the north row, the north row of Bases can be turned around 180 degrees and tucked under the panel.

Tip: If installation requires butyl, then butyl will be preinstalled on the bottom of the Base with protective tape. Ensure these butyl components are placed where specified in project drawing. Remove protective tape after step 6.



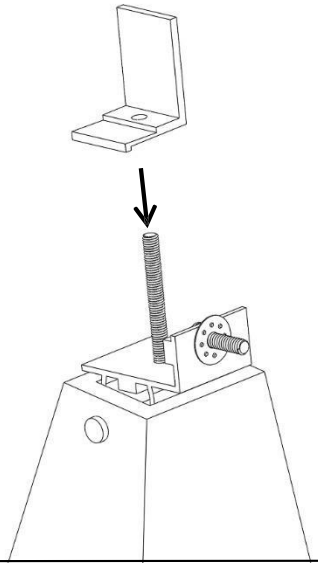
4 Place WEEBs (E) provided onto Rocker (B) & (C) studs according to separate Wiley WEEB Manual.

Tip: Refer to separate Wiley WEEB manual for detailed grounding plan including precise locations of WEEBs and compatible panels

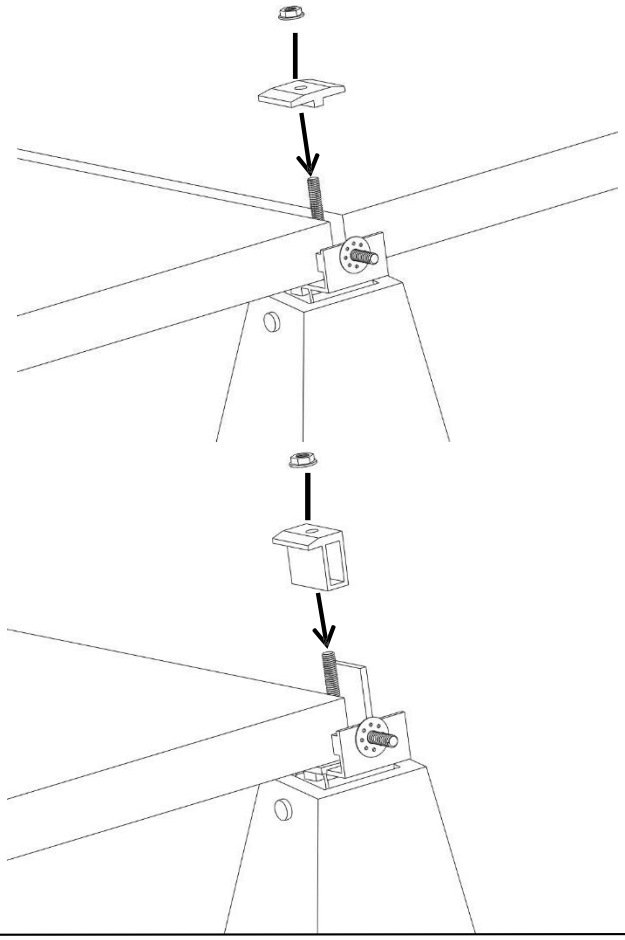


5 Place End Clamp Rest (G) onto studs where End Clamps (H) will be used.

Tip : Orient the End Clamp Rest so that the module will rest on top of its grooved horizontal surface.



6 Place module onto Ecofoot©2 Base (A). Install Mid Clamps (F) and End Clamps (H) to secure module. Using a 1/2" deep socket, torque Nuts (J) to 12 ft-lbs.

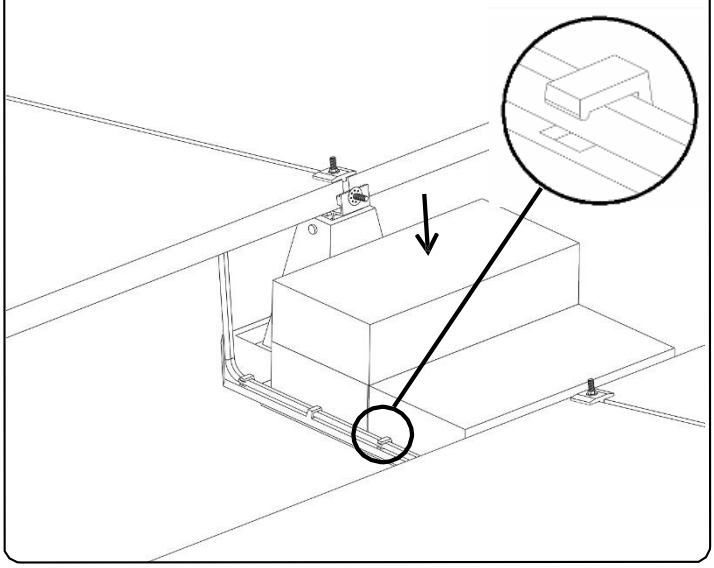


7 Place Ballast (not included) as required per PE Certificate provided.

<u>Tip:</u> In freeze/thaw environments, use concrete block with minimum compressive strength of 3,000psi (ref ASTM C1491-03 Standard Specifications for Concrete Roof Pavers.

8 Route, connect and secure conductors.

<u>Tip:</u> Wire clips attached to the module flange (not included) can be used to dress conductors in a row of modules. Integrated snap features in the Base can be used to dress conductors bridging rows.



9 Place Deflectors (I) into slot on Ecofoot©2 Base and attach to Rocker using Nut (J) provided. Using a 1/2" deep socket, torque Nut (J) to 12 ft-lbs.

10 For grounded PV systems, ground array by installing ground lugs (not included) at one location per row at the grounding point provided on the Deflector (I).