

SolarEdge Power Optimizer – Zep Compatible™ Installation Guide

This installation guide describes how to install the Zep Compatible™ power optimizer on a Zep Compatible frame. For detailed instructions on how to properly install Zep Solar products, please visit the Zep Solar website.

Required Accessories

Zep AC/DC Cable Clip  or Zep Wire Clip, Type A 

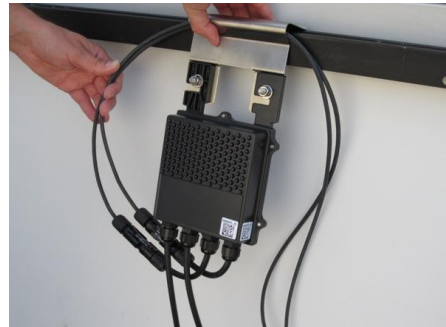
Mounting Instructions

Installation of SolarEdge power optimizers begins with module preparation which is completed on the ground prior to carrying modules onto the roof.

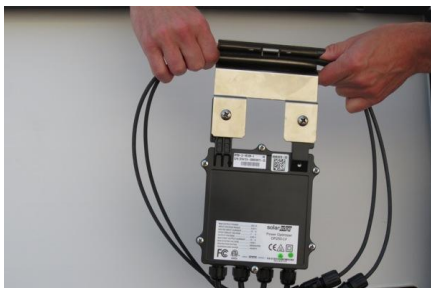
- 1 Connect the DC+ and DC- from the module to the power optimizer inputs.



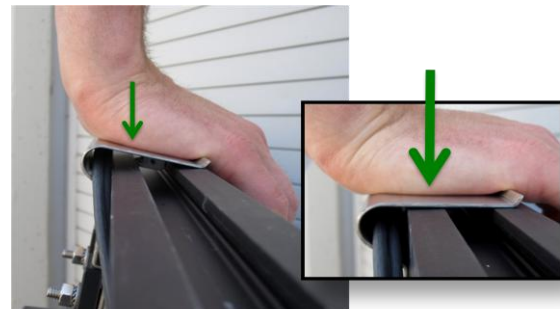
- 3 Place the power optimizer on the Zep Groove of the module



- 2 Loop the module wire leads through the bracket to manage the excess wire.

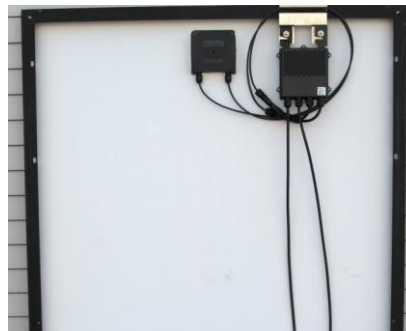
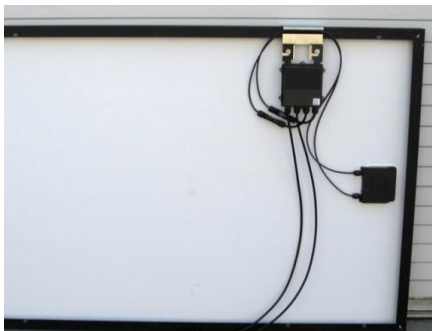


- 4 Firmly press the bracket with your palm to install



For North-America - Installation of the Zep Compatible SolarEdge power optimizers create automatic ground-bond connection with Zep Compatible modules, eliminating the need for any additional bonding hardware.

The power optimizers can be installed on either the long edge or short edge of the module.



Array Instructions

Once the PV modules and the power optimizers have been mated, the units are ready to be transported to the roof. Zep Compatible PV modules are installed by resting the Zep Groove on leveling feet or other application-specific attachment devices, and rotating downward.

- 1 Install modules as in a standard Zep Solar array.



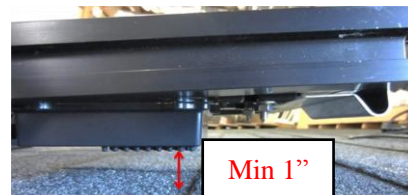
- 2 Use Zep Wire Clips to manage DC output wires from SolarEdge power optimizers.



- 3 Install a single Ground Zep anywhere on the perimeter of the array to carry the equipment ground of the Zep Solar System and SolarEdge optimizers to the Equipment Grounding Conductor.



NOTE: A minimum clearance of 1" is required between the bottom of the SolarEdge units and the roof surface



Removal Instructions

Turn a 1/4" flat screwdriver in each removal hole to properly remove unit from Zep Groove.



DO NOT apply a bending force to installed unit.



Instructions for Tightening the Bracket Snap-in Force

If a bracket has been bent and is too loose to install, place the bracket on a flat surface and re-bend the bracket by apply force in the direction of the arrows shown in the photos below, taking care not to over bend the bracket. This will increase the clamping force of the bracket onto the module frame.

