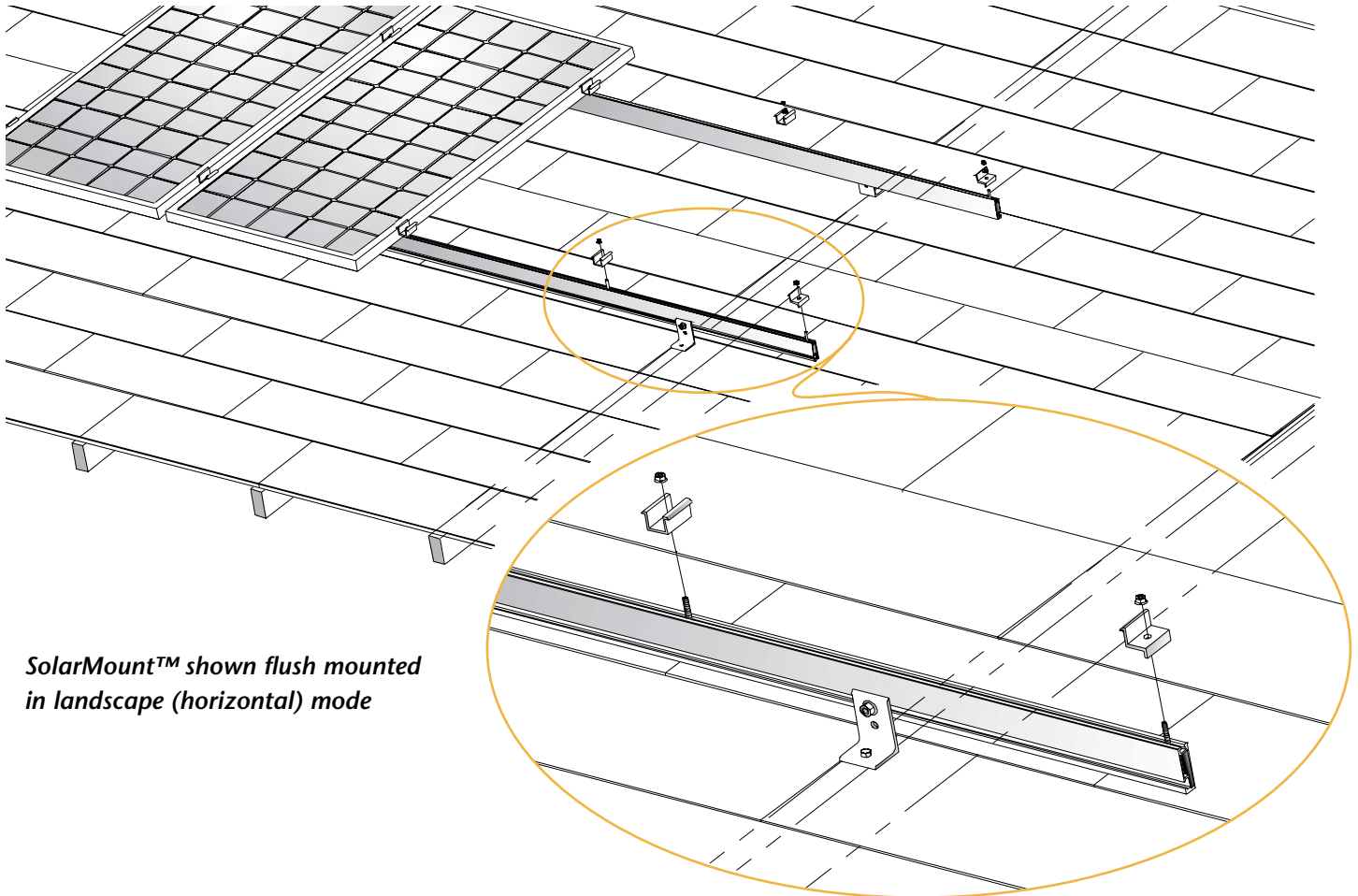


Universal PV Module Roof Mounts

(Patent Pending)



SolarMount™ shown flush mounted in landscape (horizontal) mode

SOLARMOUNTS are the easiest, fastest, and safest way to install a PV array on the roof of virtually any building.

Universal – Any 64 Watt or larger, framed PV module sold in North America can be mounted using SolarMount. (See PV Module Compatibility List on the back page.)

Roof Top Assembly – Because of its “top down” clamps, SolarMounts are ideal for use with the new “plug ‘n play” PV modules. An entire array can be fully assembled and wired where they’ll be installed — on the roof. This eliminates the awkward hazard of lifting partially assembled arrays to the roof, and then mounting and adjusting them on their footings.

Quick and Easy Installation – Continuous, dual slotted SolarMount rails provide the ultimate in adjustability. No more re-drilling holes, or repositioning footings.

Bi-Directional Mounting – Mount your modules in landscape (horizontal) mode, as shown above, or in portrait (vertical) mode. If you have limited roof space, you can even use both orientations in a single installation.

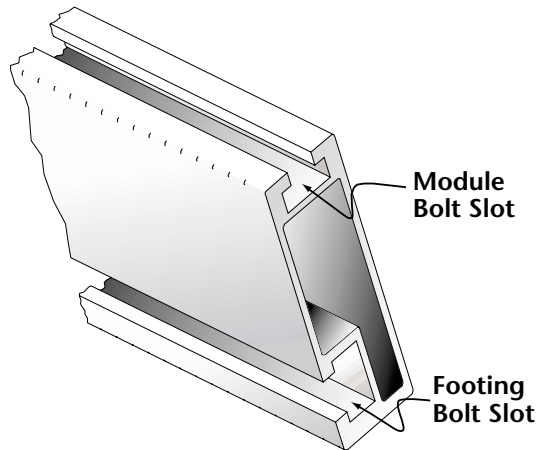
Meets Building Code Requirements – Whether the roof is pitched or flat, and regardless of the roofing material, SolarMount will securely attach your PV array to your roof in compliance with U.S Building Codes. (See “Building Code Compliance” on the back page.)

(See inside for details) ▶



SOLARMOUNT™ Components

SolarMount is a "patent pending" mounting system designed for easy, safe and fast on-the-roof installation of PV modules. No more lifting cumbersome, pre-assembled arrays from the ground to the roof.



► SolarMount™ Dual Slotted Rails

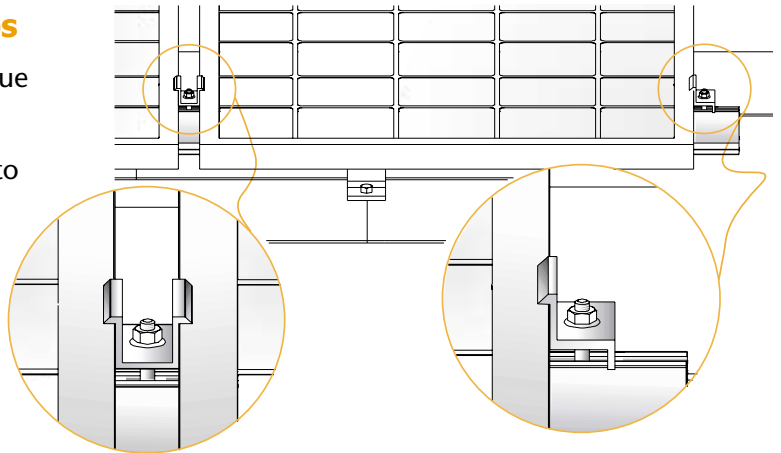
SolarMount rails have a Footing Bolt Slot that provides infinite flexibility for positioning SolarMount footings. You can always lag directly into a roof member for maximum structural integrity.

The Module Bolt Slot provides equal flexibility for mounting your modules. The result is that SolarMount can mount any module on virtually any roof.

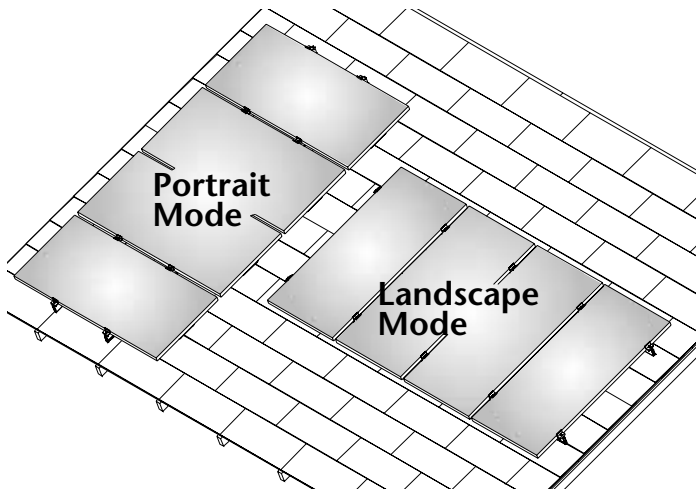
► SolarMount "Top-Down" Module Clamps

Modules attach to the rails from the top with unique SolarMount clamps.

First, attach the footings to the roof, and the rails to the footings. Then, use the SolarMount clamps to attach the modules to the rails from the top - one module at a time.



Bi-Directional Mounting



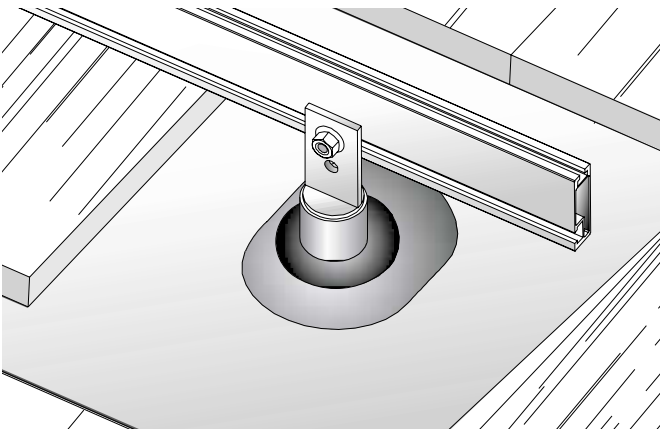
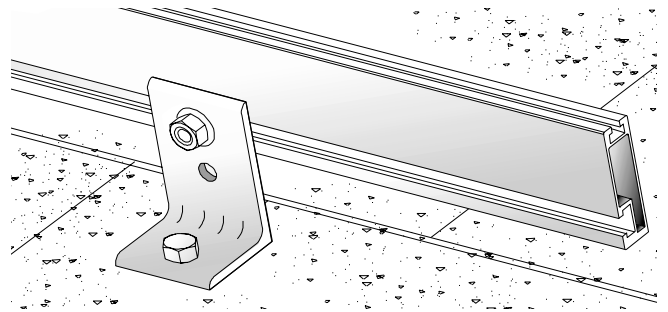
SolarMounts can easily be mounted in either landscape (horizontal array) or portrait (vertical array) mode without any special added parts.

A variety of SolarMounts are available for mounting from two to as many as nine modules, depending on module size. And, SolarMounts can be set end to end to create extended length arrays. (See Splice Kits on the facing page)

SOLARMOUNT™ Footings

► "L" Footings

The standard SolarMount "L" shaped foot is designed to bolt through existing roofing material to the rafter, and to be sealed with an appropriate roofing sealant under each footing. Two vertical mounting holes provide for adjustment of the height of the SolarMount rail.



► Standoffs

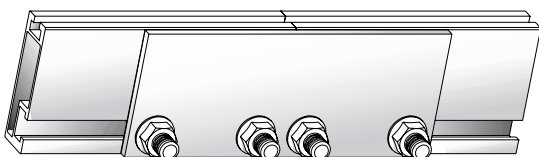
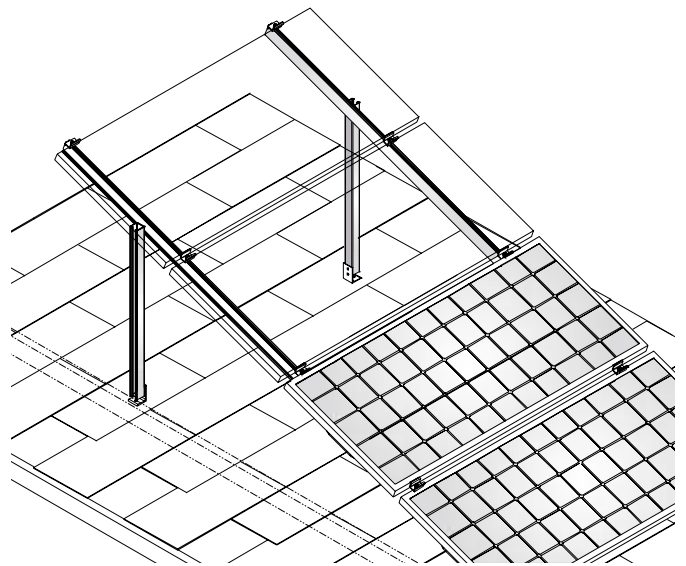
Round standoffs (3" and 6" tall) are also available. They are installed under the roofing material, and are compatible with Oatey 1¹/₄" diameter elastomer collared flashings and other non-collared flashings. (Visit www.oatey.com for details of Oatey flashings)

Other SOLARMOUNT™ Options

► Tilt Legs

Standard SolarMount are designed to be flush mounted on a pitched roof.

If the roof is flat, or if the roof pitch is too low, tilt legs are available to lift your array to the desired angle to the sun. The maximum angle can vary from 25 to 45 degrees from horizontal, depending on the size and orientation of the SolarMount and your PV modules.



► Splice Kits

SolarMounts can be mounted end to end in order to create continuous rows of modules. Simply splice as many SolarMounts together as required.

SOLARMOUNT™ Universal Roof Mount

PV Module Compatibility List

ASE	ASE100, ASE300
AstroPower	AP-65/75, APX-90, AP-110/120, AP-150, AP-6105/7105, AP-1106/1206
BP Solar	BP270/275, BP585/590, BP2150, MSX-120, SX-75/80/85, SX-110/120
Evergreen	EV-94/102
Kyocera	KC-70/80/120
Photowatt	PW750, PWX1000
Siemens	SP65/70/75, SR90/100, SM100/110, SP130/140/150
Uni-Solar	US-64

Call UniRac or your PV dealer for any PV module not shown.

SolarMount™ Component Specifications

- SolarMount Rails and Mounting Clamps, Tilt Legs and "L" Shaped Footings – 6061-T6 Aluminum Extrusion
- 3" and 6" Standoffs – Grade 5 Zinc Plated, Welded Steel
- Fasteners – 304 Stainless Steel

Building Code Compliance

SolarMounts are designed to comply with the Uniform Building Code, 1997, Chapter 16. See Installation Guidelines for details regarding specific modules and loading.

10 Year Limited Warranty

UniRac, Inc. warrants to the original owner at the original installation site that SolarMounts shall be free from defects in material and workmanship for a period of ten (10) years from the earlier of 1) the date the installation is complete, or 2) 30 days after the purchase of the SolarMounts by the original owner. This warranty does not cover damage to SolarMounts that occur during shipment, or prior to installation.

If within such period the SolarMounts shall be reasonably proven to be defective, then UniRac shall repair or replace the defective SolarMounts, or part thereof, at UniRac's sole option. Such repair or replacement shall fulfill all UniRac's liability with respect to this warranty.

This warranty shall be void if installation of the SolarMounts are not performed in accordance with UniRac's SolarMount Installation Guidelines, or if the SolarMounts have been modified, repaired or reworked in a manner not authorized by UniRac in writing, or if the SolarMounts are installed in an environment for which they were not designed. UniRac shall not be liable for consequential, contingent, or incidental damages arising out of use of the SolarMounts.



UniRac, Inc.
2300 Buena Vista, SE, Suite 134
Albuquerque NM 87106 USA
Phone: 505.242.6411
Fax: 505.242.6412
e-mail: info@unirac.com
www.unirac.com