Advancing the Future of Rooftop Solar
Quick Mount PV was founded on the principle that the success of a solar installation depends on the rooftop mounting system just as much as on the PV modules themselves. Since 2006, Quick Mount PV has advanced rooftop solar through its innovative, high-quality waterproof roof attachments.

With unsurpassed R&D, engineering, product testing and ISO 9001:2015 certified manufacturing in California, Quick Mount PV is committed to producing the industry’s most advanced solar mounting and racking systems.

Complete Mounting Systems

With the QRail™ Series racking system and Quick Rack™ rail-free mounting system, Quick Mount PV offers a comprehensive suite of seamlessly integrated systems providing everything needed to install PV modules on any roof type.

Superior Waterproofing

Quick Mount PV’s Elevated Water Seal Technology® revolutionized rooftop mounting with its waterproofing technology and simple, labor-saving installation. Quick Mount PV has installed over ten million roof attachments over ten-plus years with zero leaks.

Innovative Technology

QBase® technology, a base-and-post mounting system that supports higher standoff posts for a variety of roof types and conditions with unrivaled strength.

QHook®, Quick Mount PV’s tile hook technology, eliminates the need for tile penetration and combines superior waterproofing, strength and a high degree of adjustability for fast, simple installation.

Quick Mount PV products are approved by leading roofing manufacturers, meet or exceed roofing best practices, and are 100 percent compliant with the International Building Code. All Quick Mount PV products carry an industry-best 25-year limited product warranty.
Quick Mount PV revolutionized rooftop solar mounting when it introduced its flagship technology, the patented QBlock Elevated Water Seal Technology® which has since been proven in tens of millions of installations.

QBlock Innovation

Other roof mounts seal the bolt holes in the flashing with a rubber seal mounted directly against the flashing at the water level. A leak is almost inevitable as the seal slowly deteriorates in the harsh roofing environment. Quick Mount PV’s patented QBlock uses an aluminum flute to elevate the EPDM rubber seal above the flashing and out of harm’s way.

The cast-aluminum QBlock completely encloses the rubber seal, shielding the sealing area from the ravages of rain, ice and UV exposure, and minimizing stresses on the rubber seal caused by thermal- and wind-induced movement of the solar array. A secondary rubber seal provides a final measure of safety.

Technology Benefits

- Preserves waterproofing for the life of the roof and solar array
- Approved by leading roofing manufacturers, won’t void roofing warranties
- ICC-ES certified for strength and waterproofing
- Meets or exceeds roofing industry best practices

QBlock Products

Classical Composition Mount Series
The flagship product using patented QBlock technology with .05" thick, 12 x 12-inch flashing. Available with hanger or lag bolt for fast, simple installation.

E-Mount Series
QBlock Elevated Water Seal Technology® with .04" thick, 9 x 12-inch flashing. Available with hanger or lag bolt for fast, simple installation.

L-Mount Series
Integrated L-foot and 9 x 12-inch flashing with Elevated Water Seal Technology® for unparalleled waterproofing and fast, single-bolt installation.
The Tile Replacement Mount features QBlock patented Elevated Water Seal Technology® for optimal waterproofing, without messy tile grinding or cutting.

**QBlock for Tile Innovation**

Fully engineered universal base mount with integrated flashing is adjustable and can be oriented to the left or right for proper rafter location. The base mount also features an innovative track that positions the mounting post for optimal location. Preformed flashing and Elevated Water Seal Technology® provides code-compliant deck-level waterproofing.

**Technology Benefits**

- Works with Flat, S and W-shaped tiles and all standard rail-based racking systems
- Enables fast, clean installation without cutting or grinding tiles
- Features QBlock Elevated Water Seal Technology®
- Flashed at both the deck and tile levels for code compliance
- Meets or exceeds roofing industry best practices
- 100% IBC compliant

**QBlock for Tile Products**

**Tile Replacement Mount for S-shaped curved tile profiles**

Universal base mount with integrated sub-flashing, 3.25” post and preformed aluminum flashing replaces S-shaped tile.

**Tile Replacement Mount for W-shaped curved tile profiles**

Universal base mount with integrated sub-flashing, 4” post and preformed aluminum flashing replaces W-shaped tile.

**Tile Replacement Mount for flat tile profiles**

Universal base mount with integrated sub-flashing, 3.25” post and preformed aluminum flashing replaces flat tile.
Designed and engineered for fast and cost effective rooftop installation, QRack is the key technology in Quick Rack, a patented rail-free mounting system for composition/asphalt shingle roofs.

**QRack Innovation**
QRack technology balances strength, flexibility and simplicity. Quick Rack features a base mount with integrated flashing and Elevated Water Seal Technology®, a clamp that transforms the module frames into structural components of the solar array, and a single grounding lug to ground the entire array. An optional panel skirt provides a clean, elegant aesthetic.

**Technology Benefits**
- Superior waterproofing with patented Elevated Water Seal Technology®
- Works with standard module frames
- Compatible with micro-inverters, optimizers and standard inverters
- Grounds entire array with single grounding lug and integrated grounding pins
- Requires only half-inch socket wrench for installation
- Comes with easy-to-use design software

**Quick Rack Components**

<table>
<thead>
<tr>
<th><strong>Base Mount</strong></th>
<th>Integrated flashing featuring QBlock Elevated Water Seal Technology®</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Panel Clamp</strong></td>
<td>Available in 2 and 8-inch sizes for both mid- and end-clamping. Works with standard module frames.</td>
</tr>
<tr>
<td><strong>Grounding Lug</strong></td>
<td>Ground entire array with single grounding lug</td>
</tr>
<tr>
<td><strong>Skirt</strong></td>
<td>Optional panel skirt snaps into place to create a clean, streamlined finish for the solar array</td>
</tr>
</tbody>
</table>
Quick Mount PV developed QBase to provide a strong and versatile mounting solution for installations with high standoffs.

**QBase Innovation**
Typical base-and-post mounting systems lose structural integrity when standoffs exceed a few inches. The QBase has a super-strong cast aluminum foundation with four gussets to support standoff posts from 3.75 to 12 inches. The single base for all post heights reduces the number of components needed for a wide variety of roof types and installations.

**QBase Applications**
When standoffs get higher than several inches, such as with installations on curved tile and commercial built-up or insulated low slope roofs, QBase’s superior strength and proven waterproofing provide decades-long confidence.

**Technology Benefits**
- Supports standoffs up to 12 inches
- Exceptional shear and pullout strength
- Adaptable to asphalt shingle, tile, shake, slate, metal shingle, and low slope roofs
- Meets or exceeds roofing industry best practices
- 100% IBC compliant

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**QBase Products**

<table>
<thead>
<tr>
<th>Product</th>
<th>Description</th>
</tr>
</thead>
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<tr>
<td>QBase Composition Mount</td>
<td>Strong mounting platform for asphalt shingle roofs, particularly well-suited to installing solar with re-roofing or new roof construction.</td>
</tr>
<tr>
<td>QBase Universal Tile Mount</td>
<td>Heavy-duty tile mount with both deck- and tile-level flashing, works on curved and flat tile roofs.</td>
</tr>
<tr>
<td>QBase Standard Flat Tile Mount</td>
<td>Same technology as the QBase Universal Tile Mount but with a shorter post for a lower profile.</td>
</tr>
<tr>
<td>QBase Low Slope Mount</td>
<td>The strongest mechanical roof attachment for low slope commercial roofs, provides a reliable alternative to problematic ballasted mounting.</td>
</tr>
</tbody>
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**QBase Technology**
A Superior Base-and-Post Mounting System

*Image of roof setup with QBase supports.*

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*EPDM rubber seals top of post*
*Stainless steel rack attachment hardware*
*Detachable post fastens to QBase with machine bolt*
*Four gussets substantially improve load capacity*
*Choice of 2- or 4-bolt mounting*
QRail provides the benefit of a single-sourced, seamlessly integrated rooftop installation that works with all roof types. Quick Mount PV’s QClick and QSplice technologies makes QRail the most elegant, versatile and cost-effective racking system on the market.

**QClick Technology™**

The patented QClick technology enables module clamps to easily click into the rail channel and remain in an upright position, ready to accept the module.

**QSplice™ Technology**

QRail’s innovative internal QSplice is a bonded, structural splice which installs in seconds with no tools or extra hardware required. Integrated electrical bonding provides the fastest, simplest way to extend rail lengths.

**Technology Benefits**

- Clamps click into place
- Pre-assembled, eliminates pre-loading
- Clamp maintains upright position with no unwanted movement
- Installed clamp slides in channel for fine-tuning module placement
- Comes with easy-to-use design software application

**QRail Product Components**

**QRail Series**

QRail Series available in Light, Standard & Heavy rails and in 14ft (168in) or 17.3ft (208in) lengths.

**QSplice – Internal Structural Splice**

Internal splices available for Light, Standard & Heavy QRails. Tool-free installation and integrated bonding.

**Mid Clamp**

The Universal Mid Clamp with QClick Technology is available in 30-45mm & 38-50mm sizes. Hardware is pre-assembled.

**End Clamp**

The Universal End Clamp with QClick Technology is available in 30-45mm & 38-50mm sizes and with optional bonding clip.
Engineered for strength, QHook enables simple solar installations on tile roofs. Form-fitting flashing and a sliding base-hook interface allow fast, economical installation without penetrating or replacing tiles.

QHook Innovation
A unique sliding hook-and-base track enables several inches of side-to-side adjustment to position the hook to the optimal location between the tiles. The base has multiple sets of mounting holes for even more flexibility. Preformed flashing provides code-compliant deck-level waterproofing.

QHook Applications
QHook enables streamlined tile roof installations with no hole cutting, less dust, and fewer broken tiles.

Technology Benefits
- Multiple height options for use with a variety of tiles
- Designed for use with side-mounted or bottom-mounted rails
- Optional tile replacement flashing for flat, S-shaped and W-shaped tiles
- Deck-level flashing provides code-required waterproofing and an attractive appearance
- Meets or exceeds roofing industry best practices

QHook Products

Quick Hook® SS/LS — For Side Mount Rails

Optional Tile Replacement Flashings for Tile Hooks

Flat Tile

S-Tile

W-Tile

Tile hook and tile replacement flashing sold separately
Successful solar installations depend on outstanding training and technical support. Quick Mount PV is widely recognized as the pioneer and leading educator of roofing best practices in the solar industry.

**Industry Best Training**

Quick Mount PV is committed to helping the industry increase the longevity, reliability and value of rooftop solar PV installations with superior training and support. The company tailors training programs for each of the trades involved in the design, sales, and installation of rooftop solar energy systems.

Thousands of solar professionals throughout North America have attended training workshops, classroom instruction, webinars, and industry conference presentations by Quick Mount PV.

Regularly scheduled webinars and in-person trainings cover roofing best practices for a variety of roof types, the latest roofing codes for solar, and many other topics.

The company headquarters features a state-of-the-art, solar rooftop training center complete with hands-on demonstration roofs used to present live, in-person workshops, often held in conjunction with technical product training by industry partners.

Live tech support, a comprehensive library of instructional videos, and a wealth of in-depth technical information on the company website provide Quick Mount PV installers with the highest level of support in the solar industry.
WHAT MAKES QUICK MOUNT PV THE INDUSTRY STANDARD?

Our Customers Say it Best...

When I'm punching dozens of holes to mount a solar array, I need to be certain there are no points of failure. Only Quick Mount PV gives me that assurance.

Tony Diaz, Century Roof & Solar

I learned the hard way at a previous employer. Now I trust every job I can to Quick Mount PV.

Justin McComas, Baker Electric Solar

I've tried a lot of attachment options, but here in the rainy Pacific Northwest, there is only one product I can trust on my customers' homes. Once we started using Quick Mounts we never stopped.

Sarah Freel, Synchro Solar

Thanks to Quick Mount PV, the alliance between roofing and solar is stronger than ever.

Chip Upshaw, Fidelity Roof

With our severe Rocky Mountain winters, only Quick Mount PV delivers the installation speed and absolute confidence we need.

Will Serene, Independent Power Systems

Quick Rack is truly the next generation in rail-free mounting systems, enabling us to deliver aesthetically pleasing rooftop solar that differentiates us from our competition.

Glen Koedding, Green Sun Energy Services, LLC

Quick Mount PV delivers not just the best product, but also the best training, technical, and sales support. No doubt about it - Quick Mount PV helps us sell more solar.

Dean Rafaat, Wired into the Future Solar

Quick Mounts are better quality, more cost effective, and easier to install than any brand we've used.

Darren Malvin, American Solar

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