

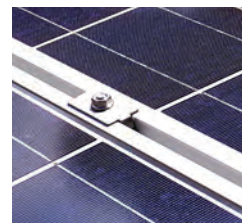


POWER RAIL™

Top-Clamping PV Mounting System
P4, P6, P8 and P14 Rails



- COMMUNICATIONS
- ENERGY
- SPECIAL INDUSTRIES
- SOLAR



Power Rail™ Roof Mounting System

The top-clamping PV module mounting system is engineered to reduce installation costs and provide maximum strength for parallel-to-roof or tilt up mounting applications.



Cable Management in Rails

The Power Rail top-clamping mounting system is designed with the professional PV solar installer in mind. The top-clamping rails utilize a single tool with a revolutionary patented RAD™ Fastener for faster bolt placement. The unique shape of the RAD bolt provides an anti-rotation feature, locking the bolt in the proper orientation

when installed. The high strength rigid rails also include an integral wiring channel for securing cables and providing a professional finish. The Power Rail Mounting System features the industry's broadest selection of mounting supports, designed for secure and water-tight attachments to any roof style.



Flashed Supports

Mounting Rail Options *

- P4-Rail** Engineered to reduce cost on shorter span applications
- P6-Rail** Engineered to save cost on medium span applications
- P8-Rail** Engineered for longer span and heavier snow conditions
- P14-Rail** Engineered for commercial applications with greater distances between supports

* Reference Rail Span and Cantilever Charts located at www.preformed.com.



Easy Feet™, Power Post™ and "L" Feet Supports



Reliable

- Engineered rail profiles for maximum strength-to-weight ratio
- Structural aluminum rigid rail construction
- High strength stainless steel module clamps and hardware
- UL2703 Code Compliant



Adaptable

- Height adjustable "L" mounting feet
- Tilt Feet up to 10 degrees
- Solid Aluminum Power Post™ stanchions
- Easy Feet™ attachment anywhere on metal or composite roof decking
- PV Flashing mounting supports
- Telescoping and One-Piece Tilt Kits up to 65 degrees
- Easy Feet Tile Hooks



Quick Assembly

- Single Tool Assembly – all 5/16" hardware
- Patented RAD Fastener for quick bolt placements anywhere along rail
- Under flange clamping options
- Integral Wiring Channel for securing cables
- Standard lengths up to 27 feet eliminate costly rail splices
- Integrated grounding



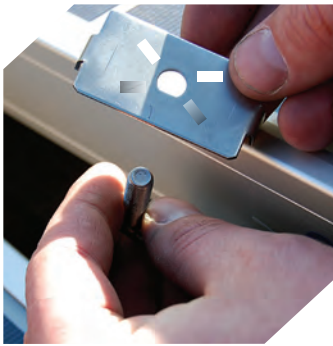
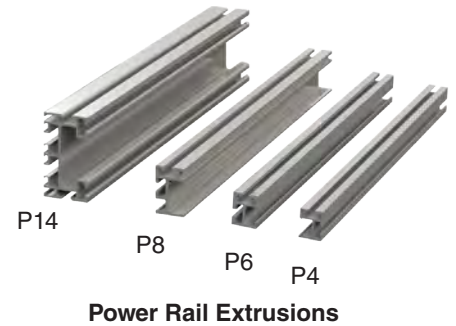
Tilt-up applications

Power Rail™ Roof Mounting System



Standard Rail Lengths

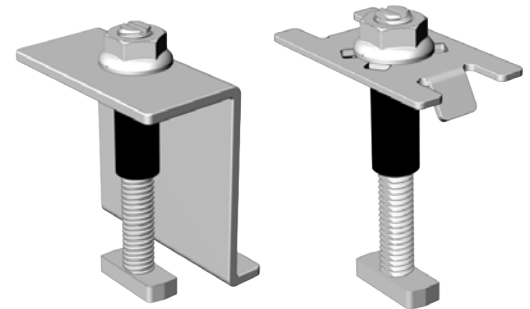
Length	P4 Part #	P6 Part #	P8 Part #	P14 Part #
84"	P4-84	P6-84	P8-84	P14-84
126"	P4-126	P6-126	P8-126	P14-126
162"	P4-162	P6-162	P8-162	P14-162
204"	P4-204	P6-204	P8-204	P14-204
242"	P4-242	P6-242	P8-242	P14-242
282"	P4-282	P6-282	P8-282	P14-282
324"	P4-324	P6-324	P8-324	P14-324



Patented Lock-In-Place
RAD™ Bolt

AMP™ Mid Clamp with RAD™ Bolt Hardware

- Twist in anywhere along rail channel avoid sliding bolts
- Eliminates the need for a separate bonding washer
- Visual indicator of bolt orientation
- “D” hole on mating clamp locks bolt from rotating
- Tight 3/8" module spacing
- High strength stainless steel clamp and bolt



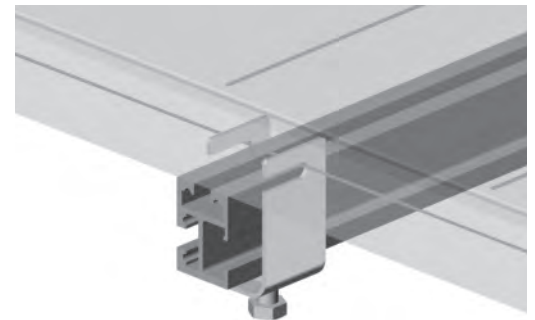
End Clamp
with RAD Bolt

AMP Mid
Clamp with
RAD Bolt



Universal End Clamp

- Simply slides under rail and clamps module flange
- Secures any framed PV module
- Improved aesthetics allow module frame to be placed flush with rail end
- High strength stainless steel construction



P6 Universal End Clamp

Refer to the Power Rail Catalog at www.preformed.com for all roof attachments and clamping options.

Residential Installations



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