SolarBoost™ Mounting Systems

2P Vertical, 3P Vertical, Rail Mounting Options



Description

SolarBoost™ mounting systems are engineered for fast, secure installation of photovoltaic modules on residential and commercial roofs. Each system includes pre-drilled rails, corrosion-resistant hardware, and integrated grounding components.

Choose between 2P vertical, 3P vertical, or rail mounting options to match your roof type and module dimensions. All systems are designed to meet or exceed local wind and snow load requirements.

Features

- Pre-drilled aluminum rails with T-slot channel
- Stainless steel hardware included
- Integrated bonding and grounding
- Compatible with most framed modules
- Tool-less module clamps
- Low-profile design for aesthetic appeal
- Engineered for wind speeds up to 150 mph
- Snow load capacity up to 60 psf
- Fire rating: Class A
- Corrosion-resistant finish for coastal environments

Specifications

Rail material	6005-T5 aluminum
Rail finish	Mill or black anodized
Hardware	304 stainless steel
Module clamps	Mid and end clamps
Grounding	Integrated lay-in lugs
Tilt angle	5° to 60°
Wind load	Up to 150 mph
Snow load	Up to 60 psf
Fire rating	Class A
Warranty	25 years

Installation

Installation requires a standard set of roofing tools and a drill. Rails are attached to roof penetrations using lag bolts and flashings. Modules are then clamped to the rails using mid and end clamps.

Grounding is integrated into the system via lay-in lugs. No additional grounding hardware is required for most installations.

Ordering

Part number	Description
SB-2P-RAIL-168	2P vertical rail, 168 in
SB-3P-RAIL-168	3P vertical rail, 168 in
SB-MID-CLAMP	Mid clamp, pack of 10
SB-END-CLAMP	End clamp, pack of 10
SB-LUG	Grounding lug, pack of 10
SB-FLASH	Roof flashing, pack of 10