

## H-Beam Solar Grounding Clip | Aluminium Mid Mount Clamp

### Basic Information

- Place of Origin: China
- Brand Name: XuanQing
- Model Number: Roof Clamp, carport clamp, ground brackets clamp
- Minimum Order Quantity: 500PCS
- Price: Negotiable
- Packaging Details: Carton Box
- Delivery Time: 10-15 work days
- Payment Terms: T/T
- Supply Ability: 3000000pcs/mon



### Product Specification

- Warranty: 1 Year
- After-sale Service: Online Technical Support
- Project Solution Capability: Graphic Design, Cross Categories Consolidation
- Application: Apartment
- Design Style: Modern
- Type: Solar Panel Mounting Aluminum Rail Connector
- Highlight: Aluminum Frame Solar Panel Rail Clamps, PV Mounting Solar Panel Rail Clamps, Apartment Solar Rail Clamps



### More Images



Our Product Introduction

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## Product Description

### H-Beam Solar Grounding Clip | Aluminium Mid Mount Clamp

#### Description

This versatile and durable clamp serves as both a secure mid-module mounting point and an integrated grounding solution specifically designed for solar panels installed on H-beam (or I-beam) style mounting rails. Crafted from high-strength, corrosion-resistant aluminum alloy, it provides a robust and electrically conductive connection. The clamp securely grips the solar panel frame onto the top flange of the H-beam rail at the module's mid-point. Its integrated grounding feature incorporates a precisely machined tooth or lug that bites into the panel frame's anodized layer upon tightening, creating a reliable, code-compliant grounding path (bonding the panel frame to the rail). This eliminates the need for separate grounding lugs or wires, streamlining installation and reducing labor time and costs. Its aluminum construction ensures excellent electrical conductivity and long-term resistance to harsh environmental conditions. Engineered for compatibility with standard solar panel frame heights and common H-beam rail profiles, this clamp offers a critical combination of mechanical stability and electrical safety for commercial and utility-scale PV installations.

#### Quick Details

**Dual Function:** Combines mid-panel clamping with integrated module grounding in one component.

**H-Beam Specific:** Optimized profile to fit the top flange of standard H-beam (I-beam) solar rails.

**Superior Grounding:** Integrated grounding tooth/lug bites into panel frame for UL/FCC/CE compliant grounding (Bonding).

**Robust Construction:** Made from high-grade, corrosion-resistant aluminum alloy (typically 6005-T5 or 6061-T6).

**Weather Resistant:** Anodized finish protects against corrosion in diverse climates.

**Easy Installation:** Simplifies mounting and grounding process, saving time and labor.

**Secure Hold:** Provides firm, reliable clamping force for module stability.

**Wide Compatibility:** Designed for common module frame heights (typically 30mm-50mm).

#### Specification

| Accessory Name | Function                     | Features  |
|----------------|------------------------------|---|
| Rail           | Support and fix solar panels | High strength and corrosion resistance.                             |
| Mid clamp      | Connect and fix solar panels | Made of aluminum alloy, ensuring stability.                         |
| Solar clamp    | Fix solar panels             | High strength and corrosion resistance.                             |
| Connectors     | Connect various components   | Improve the stability and reliability of the solar mounting system. |
| Bases          | Support the entire system    | Made of aluminum alloy and corrosion-resistant.                     |
| Aluminum nuts  | Fix various components       | High strength and corrosion resistance.                             |



### Company Profile

Foshan Xuanqing Company is a company that specializes in manufacturing aluminum accessories for photovoltaic systems. It can customize molds for accessories such as mid clamps and side clamps. The company has a production base of 4500 square meters and a fully modern production line, including 13 automatic lines, 3 ordinary production lines, and 36 stamping equipment. It has strong production strength. At the same time, Xuanqing Company can conduct product design, sampling, and production according to customers' different needs and provided drawings and samples, meeting personalized product demands. It also has independent mold-opening capabilities with fast mold-opening speed, high mold-opening precision, and a short production cycle.



## SOME HONORS



## Packing & Delivery



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