SFS-PR-02 SunRack Pitched Tin Roof Solar Mounting System

This short rail installation type roof photovoltaic bracket is designed specifically for distributed photovoltaic scenarios, using a modular short rail structure that is compatible with color steel tile roof types. The product is designed with the core concept of "efficiency, flexibility, and safety". Through innovative short rail technology, it breaks through the limitations of traditional long rail installation and provides users with more economical and reliable photovoltaic system support solutions.

Product design parameters

Installation site: Tin roofs

Application: Framed solar panel for any size

Structural materials: aluminum, stainless steel

Survival wind speed: Up to 35m / s

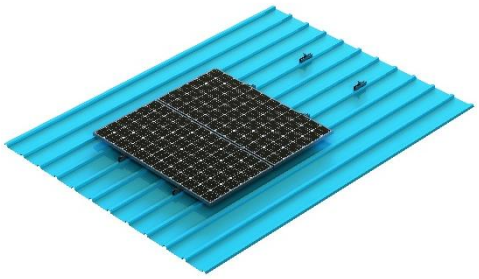
Inclination: 0 degree (the same angle as roof)

Panel direction: vertical or landscape

Design Standards: ASCE7

Life: Design Life for 25 years, quality assurance for10 years





Core advantages

1. The track length is only 1/3~1/2 of traditional brackets, supporting free splicing without customized cutting, reducing material loss (saving 5%~10% of aluminum material usage).

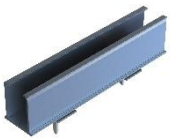
2. The fully bolted connection design avoids the risk of solder joint aging, and there is no need to damage the original structure for later expansion or disassembly.

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3. Standardized short track components (single track length 0.2-0.5 meters) greatly reduce transportation difficulty and support single person quick splicing without the need for large equipment assistance.

4. All connecting components (bolts, buckles, etc.) are pre-installed at the factory, and only need to be positioned and locked on site, reducing the installation cycle to one-third of the traditional solution.

Overview of system components

SFS-SR10	SFS SunRack Rail 10 Extruded Al6005-T5 Anodize		SFS-GC-01	Ground clip SS304	
SFS-MC3N2	SFS Mid Clamp Group Extruded Al6005-T5 Anodize		SFS-ECN2	SFS End-Clamp Group Extruded Al6005-T5 Anodize	
SFS-ELN2-20	Earth Lug Extruded Al6005-T5 Anodize				