

## SFS-PR-01 SunRack Pitched Tin Roof Solar Mounting System

With variety of different tin roof brackets, SunRack tin roof mounting system can meet trapezoid/corrugated metal roof and standing seam roof demand with or without penetrating on the roofs. Sunforson has the excellent engineer team and quality management system to provide the perfect service.



### Specification

**Installation site:** Tin roofs

**Application:** Framed solar panel for any size

**Structural materials:** aluminum, stainless steel

**Survival wind speed:** up to 60m / s

**Design snow pressure:** up to 1.4KN / m<sup>2</sup>

**Inclination:** 0 degree (the same angle as roof)

**Panel direction:** vertical or landscape

**Design Standards:** BS 6399-2-1997

**Life:** Design Life for 25 years, quality assurance for 10 years

### Products Strengths of Sunforson technology

#### 1. Easy Installation:

The innovative Sunforson solar rail and N-Screw modules have greatly simplified the installation of PV modules. The System can be installed with a single Hexagon Key and standard tool kit. The Solar Roof system is aided by a very high level of preassembly. The N-Screw module and unique rail extension method greatly reduce installation time.

#### 2. Great Flexibility:

With the Sunforson Solar Roof, framed photovoltaic modules can be easily mounted on pitched roofs. The Solar Roof system has mounting accessories designed for application on almost every roof cladding available with unique rail .Excellent Compatibility. Designed as a universal racking system, framed modules from all the popular manufacturers can be used.

### 3. High Accuracy:

Without the need of onsite cutting, the use of our unique rail extending allows the system to be installed with millimeter accuracy.

### 4. Excellent Adaptability:

The height adjustment of the rails from Sunforson allows a level PV array to be established, no matter how uneven the roof is. Engineered to high standard Sunforson solar roof is made to the highest standard, safe and strong design to comply with BS 6399-2-1997.

### 5. Maximum Lifespan:

All components are made of quality extruded aluminum and stainless steel. The high corrosion resistance guarantees the maximum possible lifespan and is also completely recyclable.

### 6. Guaranteed Durability: Maximum Lifespan:

Sunforson provides a guarantee of 10 years on the durability of all components used.

## Overview of system components

SFS-SR12	SFS SunRack Extruded Al6005-T5 Anodize		SFS-ECN2	SFS End Clamp Group Extruded Al6005-T5 Anodize	
SFS-MCN2	SFS Mid-Clamp Group Extruded Al6005-T5 Anodize		SFS-LFN2-T10	L-feet Group Extruded Al6005-T5 Anodize	