

Flat Roof Structure for PV-Modules



HatiCon Solar develops and produces high-quality, environmentally responsible mounting systems for the North American photovoltaic solar energy market.

Our flat roof mounting system serves as support structure for framed and frameless PV modules on flat roofs. It can easily be installed on the roofs of old and new buildings. Through the use of HatiCon Solar's adjustable triangles the PV modules are oriented towards the sun ensuring optimum module performance.



Excellent Adaptability

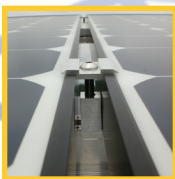
Variable system height enables a level PV array on uneven roof surfaces. The base triangles can be mounted directly to the roof structure or attached to a variety of rails to span between appropriate roof members.

If it is not possible to penetrate the roof, the structure can be fixed directly onto profiled or corrugated sheeting using the appropriate bracket. Direct assembly onto ballasts is also possible.



Quick Assembly

The HatiCon Solar roof mount structure has numerous preassembled parts. The click technology further reduces assembly time.



Comprehensive Module Compatibility

Height-adjustable module clamps and end clamps allow for maximum flexibility when mounting framed modules from 28 to 52 mm thick. Our precisely tailored and manufacturer certified laminate clamps permit maximum flexibility for the mounting of frameless PV-Modules.



Flexible Application

The base triangle has three configurations of pre-assembled triangles manually adjustable in 5° increments. (from 10° to 15°, 20° to 30°, and 35° to 45°)



Millimeter Precision without Cutting

The use of our telescoping extenders enables the equipment to be positioned accurately down to the millimeter without the need for cutting.

System Components

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- **End clamp pre-assembled**
 - Frame thickness from 34 mm to 51 mm
- **Mid clamp pre-assembled**
 - Frame thickness from 28 mm to 52 mm
- **Thin Film end clamp pre-assembled**
 - First Solar Certified
- **Thin Film mid clamp pre-assembled**
 - First Solar Certified
- **Cross adapter pre-assembled**
- **Base Triangle pre-assembled**
 - Three configurations of triangles manually adjustable in 5° increments
 - from 10° to 15°
 - from 20° to 30°
 - from 35° to 45°
- **Mounting rail and splice**

Our systems are designed in accordance with prevailing standards and regulations and are manufactured from aluminum and stainless steel. This enables us to guarantee high durability and complete recyclability of our components.

Our technology was developed at HatiCon GmbH in 2006 by a leading expert in the German solar industry with more than 16 years of PV mounting experience. With numerous international and domestic patents and more than 405 MW installed, HatiCon Solar has a unique technology offering proven in the market.

If you would like additional information please contact us!



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