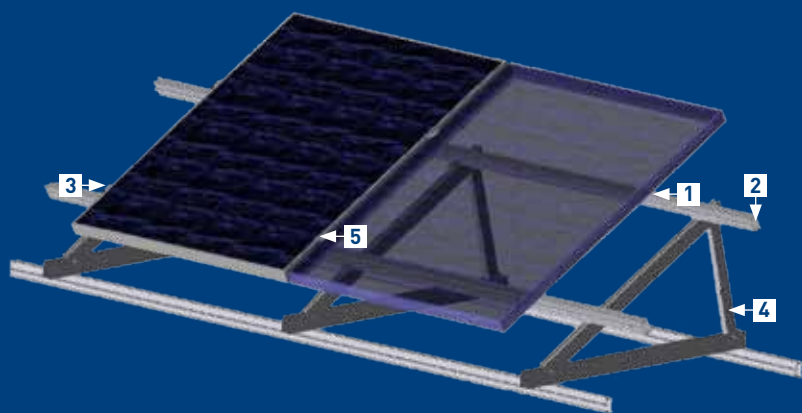


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Mounting System Flat Roof

Our universal solution for the assembly of a solar power system onto your flat roof.



System overview

- 1 System beam
- 2 KS connectors
- 3 End folders
- 4 Basic triangle
- 5 Module holders

Connection option on

- 1 E-W rails
- 2 N-S rails
- 3 Concrete sleepers

Flexible application – one solution for all roofs

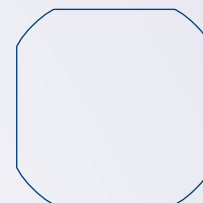
The scn energy mounting system for flat roofs is our universal solution for easy assembly of the framed photovoltaic module on flat roofs. A modular system of parts allows it to be used on your roof. The modules are aligned on basic triangles in an optimum angle to the sun. Various connection options allow flexible adjustment to the particular conditions on your roof.

First rate quality ensures a long service life

We want your solar power system to work for you for a long time and achieve optimum profits which is why we pay special attention to the quality of the components we use. All individual parts of the mounting system are always made of aluminium or V2A-stainless steel. This guarantees a high level of resistance to corrosion and therefore a long lifespan.

Mounting System

Flat Roof



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Technical Data

There are statics-related certificates for all parts of this mounting system that confirm that the load-bearing capacity of the overall system corresponds to the standard DIN 1055.

Use	Flat roof
Setting angle	Basic triangle Fix: 30° Basic triangle Vario L: 10 – 20° Basic triangle Vario H: 21 – 30°
Building height	Up to 25 m
Snow load	Up to snow load zone III
Wind load	Up to zone 4
PV-module	Framed
Module arrangement	In rows or columns, depending on the alignment of the sub-construction
Module alignment	Upright, cross-wise
Size of the module field	Free
Position of the module field	Free
Standards	DIN 1055, on request with verifiable static information EUROCODE 9 – measurement and construction of aluminium support systems
System beams, triangles	Extruded aluminium (EN AW-6063)
Roof hook, small parts	Stainless steel (V2A)
Guarantee	10 years on the durability of the materials
Lightening arrester	Optional, against a surcharge
Colour	Natural

System components



1. System beams



2. Basic triangle, Fix



3. Basic triangle, Vario H



4. Basic triangle Vario L



5. KS-Connectors



6. Module holder



7. End holder



8. Connector

Module data as per: July 2011

Exemption from liability: all the technical data are average values. They may vary slightly. The associated data of the individual measurements, flash report are relevant. Subject to errors, omissions, logical and printing errors as well as to errors as to contents and meaning. The manufacturer reserves the right to make technical changes within the further development process. Pictures, illustrations and figures may deviate from the original.