



Lambda

Flexible modular system

Lambda will easily fit a multitude of different flat roof applications, due to its variable tilt angle and its several foot options for both ballasted solutions and roof penetration. Its design allows modules to be mounted side by side in rows of up to 12 m. They can be installed in both portrait and landscape mode.

Optimal adaptability

The clever standard system has been specifically developed to easily allow project-specific adjustments for various special requests on flat roofs.

Rapid installation

All components are packaged according to the type of module and the configuration of the module field.¹ Quickstone technology, clever design and extensive pre-assembly all add up to minimal installation time and the necessity of very few tools.

Static reliability

Mounting Systems' service includes a static verification of all Lambda configurations offered. On demand², an official assessible static calculation is available.

Maximum service life

All components are made of either aluminium or stainless steel. Their high resistance to corrosion guarantees maximum service life and full recyclability.



Flat roof

Open terrain



Unframed module



Framed module



Orientation
portrait



Orientation
landscape

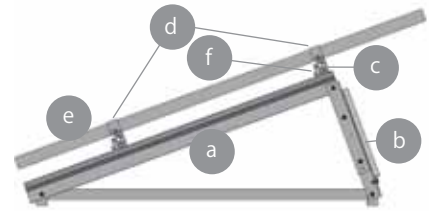


¹ For detailed information, please contact us during the planning stages of your project.

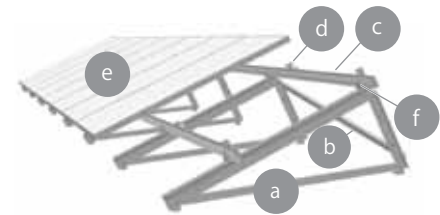
² At extra cost.



Application	Flat roofs ¹ or ground
Height of Building	Depends on wind loads on site
Permissible charges	1,900 Pa at 2.5 m ² module surface per support triangle
PV modules	Framed, unframed
Module layout	Serial (up to approx. 12 m per frame unit)
Module orientation	Landscape, portrait
Pitch	10°, 20°, 25°, 30° (other upon request)
Size of module array	Any size possible
Position of the module array	No special requirements
Roof clearance	8 to 10 cm (other upon request)
Standards	Eurocode 1 – Action on structures Eurocode 9 – Design of aluminium structures ²
Supporting profiles	Extruded aluminium (ENAW 6063 T66), (EN AW 6060 T6)
Small parts	Stainless steel (V2A)
Colour	Aluminium: plate finish
Warranty	10 years ³



Side view



System view

- a** Triangle
(above version: triangle with foot bracket)
- b** Diagonal strut
- c** Base rail
- d** Module clamp/ end clamp
- e** Module
- f** X-Stone

¹ Attention: For any project, please check the static suitability of the building!
² Official assessable static calculation available on request, at extra cost.
³ Please find the exact terms in the Mounting Systems GmbH warranty document.