

Lambda Light S⁺

Flexible modular system

With the Lambda Light S⁺ modules can be installed in South orientation without a penetration of the roof. The Lambda Light S⁺ is available in 10 or 15 degree to allow a layout optimization either in regards to maximum output or maximum number of modules.

Through the flexible arrangement of the modules in landscape orientation the load is optimal distributed on the roof. In order to get the minimum possible load on the roof the Lambda Light S⁺ was wind tunnel tested and accordingly optimized.

Thanks to the flexible design of the Lambda Light S⁺ it is possible to use the same components for 10 and 15 degree by simply twisting the foot point at the front and the upper part of the rear leg. The proven Clickstone technology for the module clamping allows a fast and easy installation.

Maximum service life

All components are made of extruded aluminum and stainless steel. This choice of material guarantees both full recyclability and a maximum service life due to high resistance to corrosion.



Flat roof



South orientation



Framed module



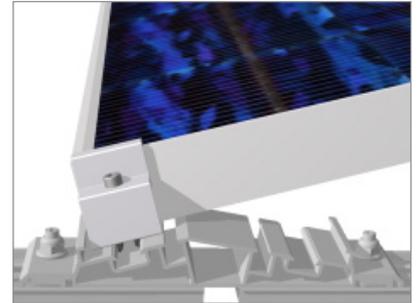
Orientation
landscape



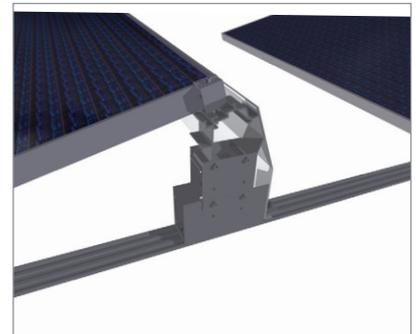


mounting
systems

Application	<i>Flat roofs ¹, up to 5 roof slope</i>
Building height	<i>Depending on wind loads on site</i>
PV modules	<i>Framed</i>
Module width	<i>785-1050mm</i>
Module layout	<i>Composite (min. 10 m²)</i>
Module orientation	<i>Landscape</i>
Pitch	<i>10° or 15°</i>
Size of module array	<i>Any size possible, min. 10 m²</i>
Position of the module array	<i>No special requirements</i>
Standards	<i>Eurocode 1 – Action on structures Eurocode 9 – Design of aluminium structures ²</i>
Supporting profiles	<i>Aluminium (EN AW 6063 T66), (EN AW 6060 T6)</i>
Sheet metal components	<i>Galvanised steel (S235 JR)</i>
Small parts	<i>Stainless steel (V2A)</i>
Warranty	<i>10 years ³</i>



Detail front support



Detail back support

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.