



## LEICHTmount 2.1 S/EW

Aerodynamic flat roof system for southerly and east/west orientation



### The new-generation flat roof installation system for PV on residential and commercial property

Aerodynamic, light and quickly installed without roof penetration: The S:FLEX LEICHTmount 2.1 fastening system for framed PV modules offers outstanding installation properties at one of the best price/performance ratios on the market – suitable for the conventional southerly orientation and also for maximum area utilisation through an east/west orientation.

The newest version of the LEICHTmount system has been further improved with newly developed fibre pads and height-adjustable module clamps with grounding pins. The new cable management solution makes cable routing easier than ever.

The system is patented, wind tunnel tested, and certified in accordance with UL 2703. A full documentation with ballast specifications is included in the scope of delivery.

### An overview of the advantages:

- Patented system with optimised static loading characteristics
- Wind tunnel tested up to 250 km/h according to the latest standards
- Version S available with tilt angle of 5°, 10° or 15°
- Short installation times thanks to a small number of parts
- Low transport costs through a minimised use of materials
- Incl. fibre pads
- Problem-free water drainage and optimum module back-ventilation
- Also suitable for roof edge zones
- Including documentation with ballast specifications
- ETL certified according to UL 2703, UL 1703 and IEC 61215

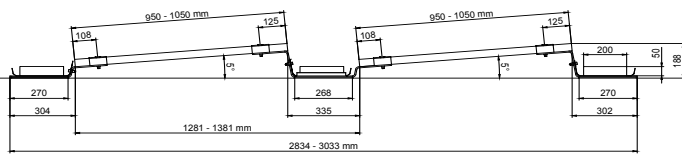
# LEICHTmount 2.1 S/EW

Aerodynamic flat-roof system

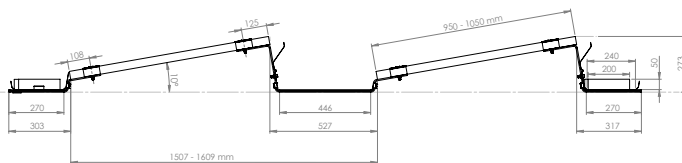
Technical Data



LEICHTmount 2.1 S  
Connector with module clamps



LEICHTmount 2.1 S 5° with a shading calculation area of 18°/335 mm row spacing



LEICHTmount 2.1 S 10° with a shading calculation area of 18°/527 mm row spacing

Additional versions:

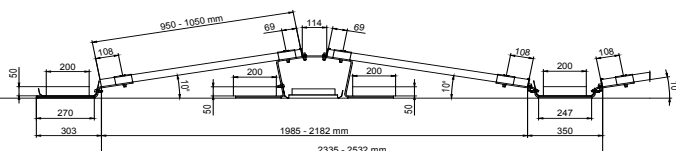
LEICHTmount 2.1 S 10° with a shading calculation area of 25°/380 mm row spacing

LEICHTmount 2.1 S 15° with a shading calculation area of 18°/790 mm row spacing

LEICHTmount 2.1 S 15° with a shading calculation area of 25°/571 mm row spacing



LEICHTmount 2.1 EW  
Top part with module clamps



LEICHTmount 2.1 EW with a shading calculation area of 18°/464 mm row spacing

## Note:

The load-carrying capacity of the roof and roof cladding must be guaranteed and verified.

## LEICHTmount 2.1 S

<b>Module orientation</b>	South
<b>Inclination</b>	5°/10°/15°
<b>Shading calculation area</b>	Inclination 5°: 18° Inclination 10°/15°: 18° or 25°
<b>Module size (LxW)</b>	1552–2080 mm x 950–1050 mm <sup>1</sup>
<b>Area load</b>	approx. 10 kg/m <sup>2</sup> of installed roof area
<b>Building height</b>	25 m max.
<b>Roof inclination</b>	4° max.
<b>Edge clearance</b>	Fitting in the roof edge and corner regions possible
<b>Wind load</b>	Up to 2.4 kN/m <sup>2</sup>
<b>Snow load</b>	Standard version up to 2.4 kN/m <sup>2</sup> Alpine version up to 4.4 kN/m <sup>2</sup>
<b>Maximum module field size</b>	120 modules (10 rows of 12 modules each)

## LEICHTmount 2.1 EW

<b>Module orientation</b>	East–West
<b>Inclination</b>	10°
<b>Shading calculation area</b>	18°
<b>Module size (LxW)</b>	1552–2080 mm x 950–1050 mm <sup>1</sup>
<b>Area load</b>	approx. 15 kg/m <sup>2</sup> of installed roof area
<b>Building height</b>	25 m max.
<b>Roof inclination</b>	4° max.
<b>Edge clearance</b>	Fitting in the roof edge and corner regions possible
<b>Wind load</b>	Up to 2.4 kN/m <sup>2</sup>
<b>Snow load</b>	Standard version up to 2.4 kN/m <sup>2</sup> Alpine version up to 4.4 kN/m <sup>2</sup>
<b>Maximum module field size</b>	192 modules (8 rows of 12x2 modules each)

<sup>1</sup> Other module sizes and spacing dimensions upon request.