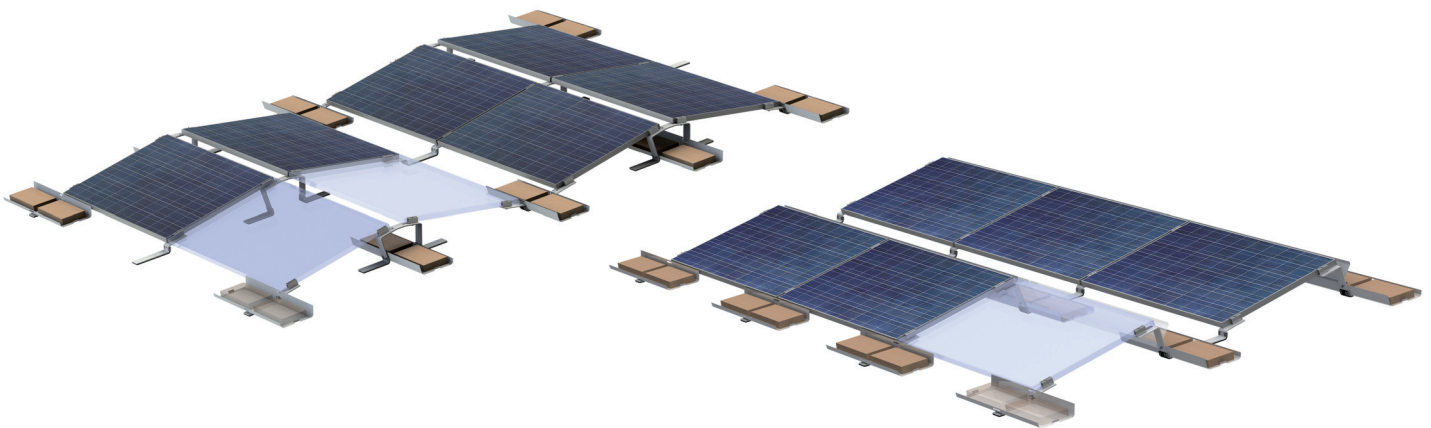




LEICHTmount 2.0 S/EW

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 EU 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 higher mounting height, varying row spacing options and earthed module clamps.

The result: easier cabling, simpler installation on uneven roofs, optimised shadow area, and earthing in accordance with international specifications.

The system is patented, wind tunnel tested, and certified in accordance with UL 2703/IEC 61215. Version 2.0 also includes an aluminium coated safety membrane which doesn't just stick but rather is permanently fixed with

An overview of the advantages:

- Patented system with optimised static loading characteristics
- Wind tunnel tested to 250 km/h
- Version S available with tilt angle of 5°, 10° or 15°
- Short installation times:
1 kWp with 2 persons in 5/10 minutes
- Low transport costs through a minimised use of materials
- Incl. building protection mats with aluminium lamination
- 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

Some of the new features of the LEICHTmount 2.0:

- Greater distance from the roof skin
- Uniform ballast tubs suitable for all system variations
- Two new LEICHTmount S variations with flexible roof spacing options for a shading calculation area of 18° or 25°
- Optimised, easy to install Alpine variation available

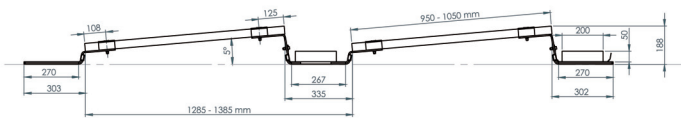
LEICHTmount 2.0 S/EW

Aerodynamic flat-roof system

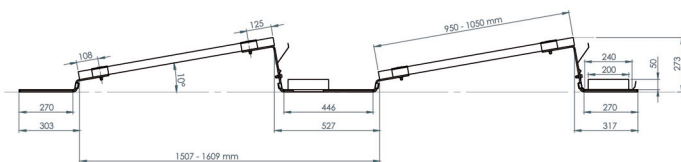
Technical Data



LEICHTmount 2.0 S
Connector with module clamps



LEICHTmount 2.0 S 5° with a shading calculation area of 18°/335mm row spacing



LEICHTmount 2.0 S 10° with a shading calculation area of 18°/527mm row spacing

Additional versions:

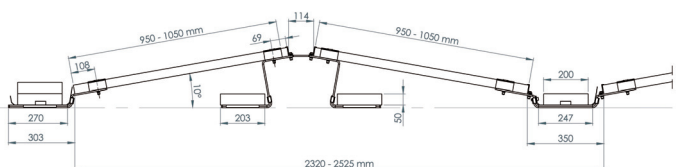
LEICHTmount 2.0 S 10° with a shading calculation area of 25°/380mm row spacing

LEICHTmount 2.0 S 15° with a shading calculation area of 18°/790mm row spacing

LEICHTmount 2.0 S 15° with a shading calculation area of 25°/571mm row spacing



LEICHTmount 2.0 EW
Top part with module clamps



LEICHTmount 2.0 EW with a shading calculation area of 18°/464mm row spacing

Note: Subject to the prerequisite that the existing flat roof thermal insulation conforms to the DAA-ds designation according to DIN 4108-10. The load-carrying capacity of the roof and roof cladding must be guaranteed and verified.

LEICHTmount 2.0 S

Module orientation	South
Inclination	5°/10°/15°
Shading calculation area	Inclination 5°: 18° Inclination 10°/15°: 18° or 25°
Module size (LxW)	1559 – 1982 mm x 950 – 1050 mm ¹
Area load	approx. 10 kg/m ² of installed roof area
Building height	25 m max.
Roof inclination	4° max.
Edge clearance	Fitting in the roof edge and corner regions possible
Wind load	up to wind load zone 4
Snow load	Standard version up to 2.4 KN/m ² Alpine version up to 4.4 KN/m ²
Minimum system size	2 rows of 3 modules each/ 3 rows of 2 modules each

LEICHTmount 2.0 E/W

Module orientation	East–West
Inclination	10°
Shading calculation area	18°
Module size (LxW)	1559 – 1982 mm x 950 – 1050 mm ¹
Area load	approx. 15 kg/m ² of installed roof area
Building height	25 m max.
Roof inclination	4° max.
Edge clearance	Fitting in the roof edge and corner regions possible
Wind load	up to wind load zone 4
Snow load	Standard version up to 2.4 KN/m ² Alpine version up to 4.4 KN/m ²
Minimum system size	1 row of 3 module pairs / 2 rows of 2 module pairs each

¹ Other module sizes and spacing dimensions upon request.