



COMPACTFLAT Z2+

AERODYNAMIC. STABLE. INTELLIGENT.

Compact and tested substructure for the two-sided stand-mounting of PV modules on flat roofs

The COMPACTFLAT Z2+ is an aerodynamic east-west substructure for the fixing and aligning of framed PV modules on flat roofs. It is available in inclines of 5° and 10°. Two PV modules can be installed crosswise back to back.

AEROCOMPACT®



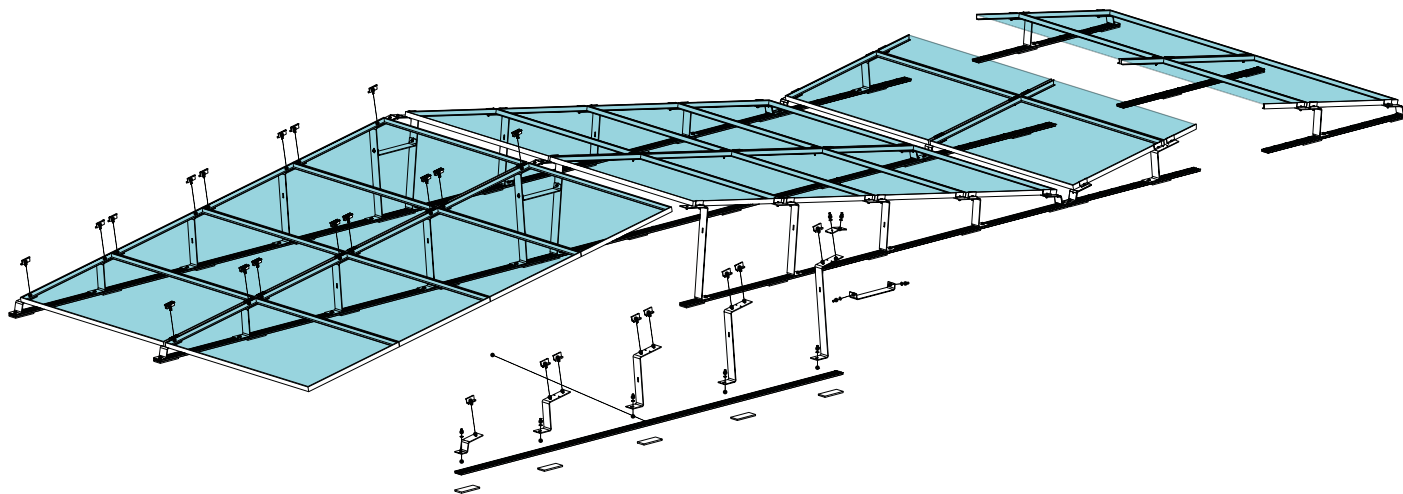
The COMPACT**FLAT Z2+** makes it possible to achieve the maximum utilization of a flat roof plane for the first time and is of great significance to large-scale projects for this reason. By contrast, up to 30% more PV modules can be installed on the same surface. Furthermore, the COMPACT**FLAT Z2+** system enables the efficient use of cleaning robots, since up to a max. of 2 PV modules can be fixed down in a row. The aerodynamic design boasts excellent structural properties and requires considerably less ballast than other systems on the market.

The system has been tested in a wind tunnel according to the latest standards, is UL 2703–certified, and comes with a 25–year warranty. With special loading tests, all variants were tested and approved by TÜV Rheinland in accordance with UL 2703, as well as a fire test in line with UL 1703. The sophisticated design provides for water drainage on all sides.

The COMPACT**FLAT Z2+** system is stored in our 3D engineering software AEROTOOL. The AEROCOMPACT® customer center is able to issue clear and competent project reports based on empirical data (wind load, snow load, structural analysis).

The COMPACT**FLAT Z2+** is delivered pre-assembled, including a newly developed building protection mat – with long-term durability testing.

With few main components, the COMPACT**FLAT Z2+** achieves an exceptional price-performance ratio. In addition to the attractive system price, the simple installation of the innovative system saves time and resources.



- › Greatest-possible module density (up to 30%)
- › 2 to 4 modules on one plane
- › No roof penetration necessary
- › Maximum space utilization
- › Main structure produced from aluminum and stainless steel
- › Suitable for cleaning robots
- › Structurally optimized system
- › Module clamps with integrated grounding pins
- › Water drainage provided on all sides
- › Also suitable for roof edge areas
- › Optimum module ventilation
- › 700 kWp per truck or 40-foot container
- › Quickest installation: 1 kWp / 5 min. / 2 people
- › Pre-installed building protection mat
- › TÜV-certified as per UL 2703
- › Wind tunnel-tested
- › Engineered in Europe
- › General building inspectorate approval applied for
- › 25 years product warranty



< Scan QR code to watch installation video

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