

Sunfix® aero duo 2.0



Data sheet



Optimal utilization of roof surfaces: The modules in the Sunfix aero duo 2.0 are arranged in pairs in a tent shape which allows optimal utilization of the existing roof surface. The system thus achieves the maximum possible energy generation relative to the existing roof surface.

Flat roof system: The Sunfix aero duo 2.0 offers all of the advantages of an aerodynamic flat roof system. It can be installed without roof penetration on roofs with low load-bearing reserves.

Flexible deployment: The minimum size of the system is 4 rows x 2 columns (8 modules). For heavy snow regions, there is a heavy load version that can be used from 2.4 kN/m².

Low-cost storage and transport. The Sunfix aero duo 2.0 does not require 6 m long profiles. The system components, made of aluminum, are light, stackable and easy to handle which reduces the storage space required to a minimum and drastically reduces the transport costs. A truck load can contain enough mounting frames for almost 900 kW.

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TECHNICAL DETAILS

Angle of inclination 10°

Suitable for use on flat roofs with an inclination of up to 5°

System weight approx. 1 kg/m²
(Standard version plus modules and ballast)

Static friction frame/ground $\mu = 0.70$ required

Suitable for SolarWorld module (1675 x 1001 x 33 mm)

Usable for building heights up to 25 m.

Fixed row spacing 200 mm

Standard version with clamps on the short side of the module up to 2.4 kN/m² combined pressure load on module and 1.6 kN/m² suction load

Heavy load version is usable with a combined pressure load of up to 4.0 kN/m² on modules

Suitable for membrane, bitumen and gravel roofs

DESIGN

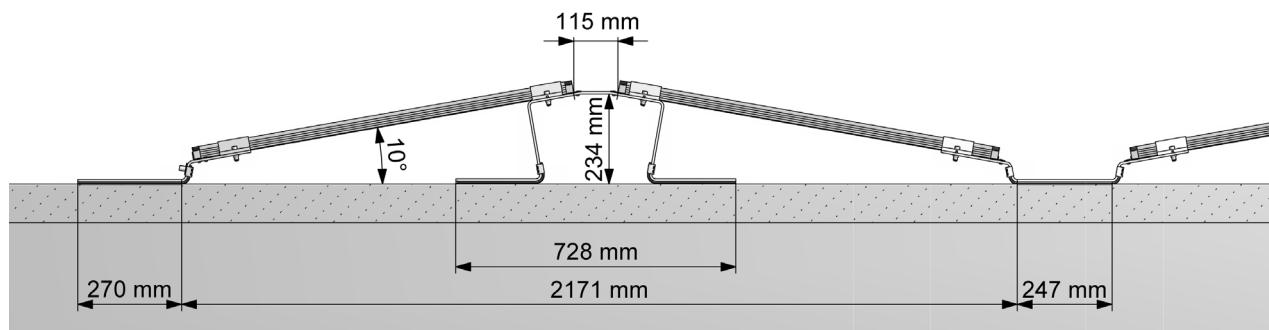
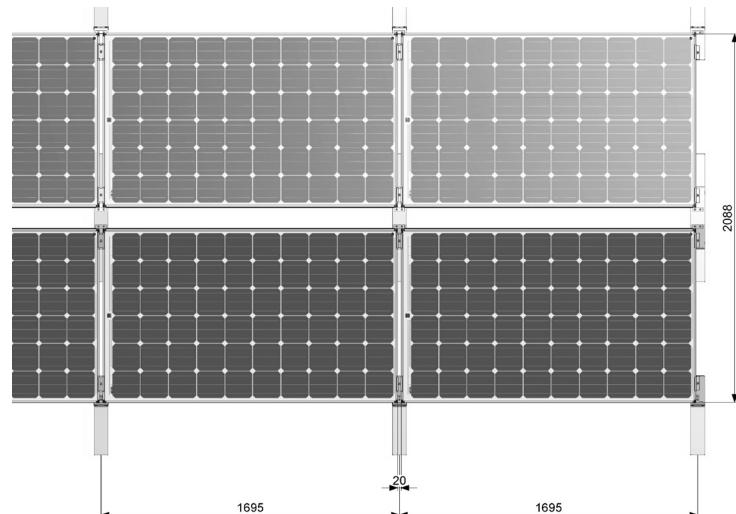
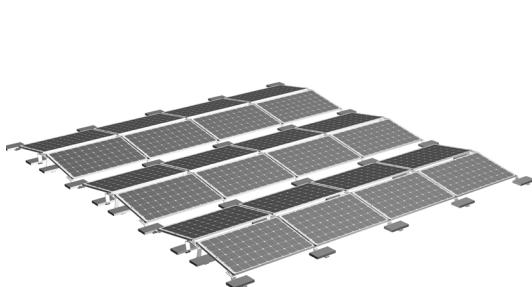
Components consist of aluminum and stainless steel

Aluminum-laminated building protection mats included in the system

Cable clips for fastening cables included in the system

The existing flat roof insulation must permit a minimum surface pressure of 60 kN/m²

CE marked product



Text and images correspond to the state of the art upon printing. Subject to change.