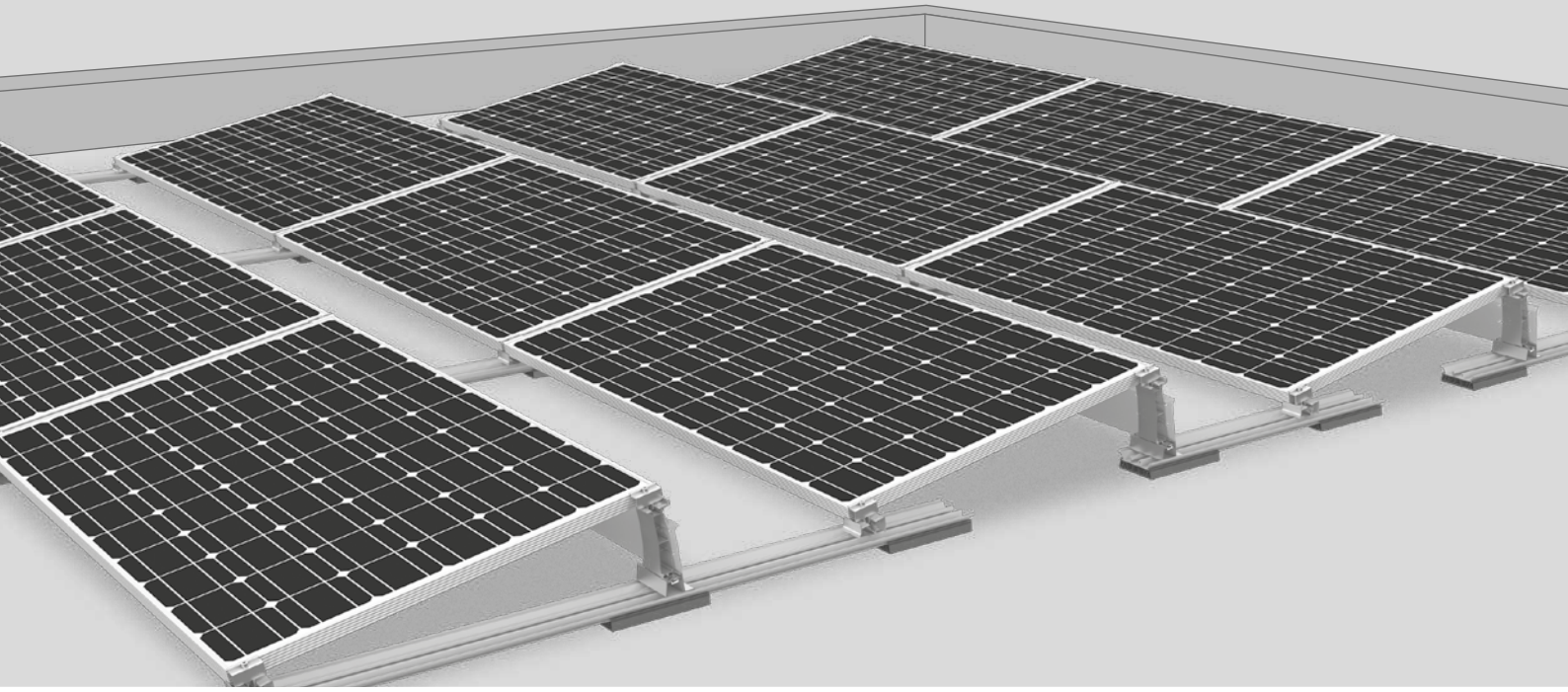
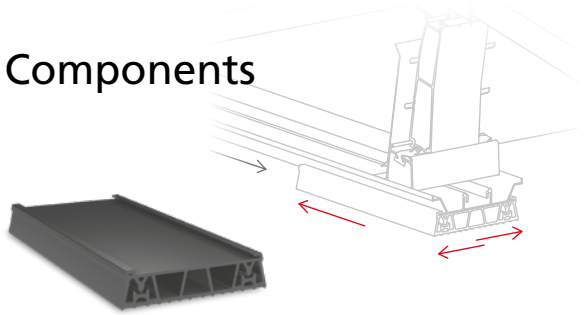
S-Dome V 10° System

The single-sided elevation



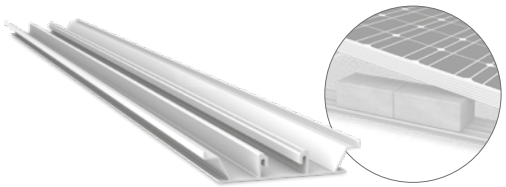
- Clearly ballast- and component-optimized system due to better friction coefficient of the flexible support pad
- Simultaneous assembly of modules and mounting system as well as reduced screw connections ensure faster installation
- Lower logistics costs due to lower transport volume

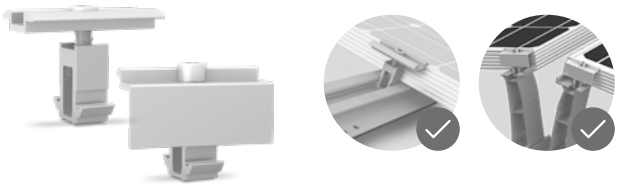
Components



Mat V
- Flexible Mat V made of EPDM – only 1 size and 1 variant (no aluminium lamination required)
- Absorbs and compensates for tolerances
- Friction coefficients reduce ballast

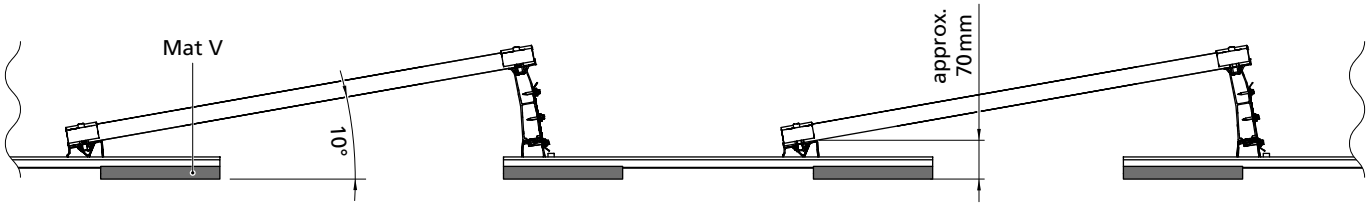
Dome V elevation
- Changed geometry and connections to accommodate tolerances
- Single screw connection and fast screw-in assembly of the SD with fixation via module clamp
- Low transport volume





Rail mounting rail
- Integrated ballast support almost eliminates the need for additional components
- Short rails to accommodate the tolerances

Universal module clamps: MiniClamp MC/EC
- Clamping range 30 - 50 mm
- Compatible with MiniRail and all Dome V Systems
- Optional: Equipotential bonding with TerraGrif possible



Technical data

	S-Dome V 10°
Scope of application	Flat roofs ≤ 5° with single ply membrane or bituminous roof covering, also on concrete, gravelled or green roofs
Fastening type/roof fixture	Ballasted; no roof penetration for inclination ≤ 3°
Requirements	‣ Permissible module dimensions (L × W × H): 1550 - 1760 / 1880 - 2100 × 950 - 1053 × 30 - 50 mm ‣ Minimum system size: 2 modules ‣ Clamping in corner areas permitted (see k2-systems.com/en/approved-modules)
Technical specifications	‣ Thermal separation after a maximum of 15.5 m ‣ Minimum distance to the edge of the roof 600 mm
Inclination angle	10°
Material	‣ Mounting rails, Peak, Basic, SD and MiniClamps: Aluminium EN AW-6063 T66 and AW-6082 T6 ‣ Windbreaker: Magnelis ‣ Mat V protective mat: EPDM ‣ Small parts: stainless steel (1.4301) A2-70