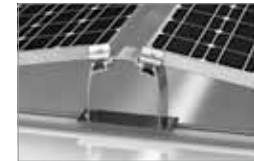


Mounting systems for solar technology



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Produktblatt D-Dome | US1 | 0712
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EVEREST SOLAR SYSTEMS
FLAT ROOF SOLUTIONS
D-DOME SYSTEM

D-DOME SYSTEM

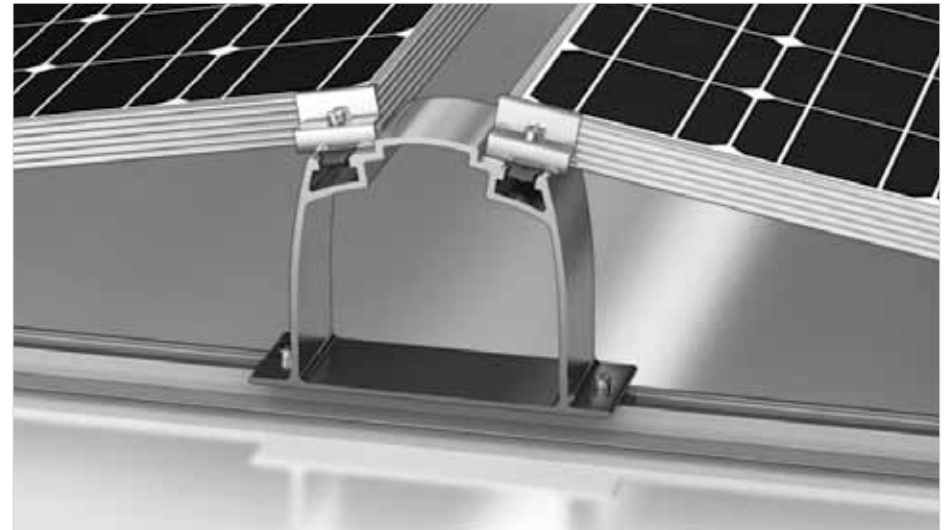
- Innovative double-sided low ballast system suitable for all orientations
- Ultra-low component count lowers labor costs
- Maximum energy harvest because shading is eliminated between module rows
- Ideal for roofs with low ballast potential
- 10° elevation angle
- Aerodynamic optimization enables minimal ballast; wind tunnel tested by leading structural aerodynamics labs
- Direct module clamping without any module carrier rail
- Everest building mat with special coating for secure and durable roof overlay on virtually all membrane roofs
- Flexible ballast trays for quick installation of ballast
- Integrated grounding solution
- Flexible, fast, and simple to design

Technical data

Field of application	Flat roof
Roofing	Membrane and bitumen roof
PV modules	Module attachment by corner clamping, observing module manufacturers' recommendations
Module orientation	Landscape
System orientation	Flexible, any orientation possible
Material	Aluminum (EN AW-6063 T66)
Connecting elements	300-series stainless steel
Weight/ sqf module surface	Without module and ballast approx. 0.51 lb/sq ft
Roof connection	low ballast, no roof penetration
Structural calculation principles	IBC compliant, stamped engineering letters available for all solar states, wind tunnel tested
Warranty	10 years
System components	XpressRail, Dome D1000 or D800, Dome SD, XPressRail, mid and end clamps set, M K2, ballast tray



Detail illustration – D-Dome System



Detail illustration – D-Dome System