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EVEREST SOLAR SYSTEMS  
**FLAT ROOF SOLUTIONS**  
**S-DOME SYSTEM**

## S-DOME SYSTEM

- Low ballast system for single-sided orientation
- Ultra-low component count lowers labor costs
- Ideal for roofs with low ballast potential
- Easy assembly reduces training and go backs
- Very attractive price-performance ratio
- 10° elevation angle
- Aerodynamically optimized with windbreaker on reverse enabling minimal ballast; wind tunnel tested by leading structural aerodynamics labs
- Everest building mat with special coating for secure and durable roof support 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
Material	Aluminum (EN AW-6063 T66)
Connecting elements	300-series stainless steel screws
Weight/sqf module surface	without module and ballast approx. 0.82 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, S-Dome, Dome SD, End Clamp Sets, M K2, ballast tray



Explosion drawing