

SolarTerrace Ikon

Effortless and Installation-friendly Ground PV Mounting Solution



PVezRack® SolarTerrace Ikon is an optimal ground mounting solution designed for commercial and utility-scale PV installations. Its innovative and efficient design, including quick positioning for panels, swift clamps for structure, back-locked panels, and self-grounding systems, enables effortless and safe installation on all terrains. Furthermore, the perfect compatibility of the bifacial modules secures maximum power generation. This solution not only facilitates shorter station construction periods, but also delivers higher ROI and lower LCOE.

Main Benefits



Effortless and Quick Installation

Thanks to innovative clamps with fewer fasteners, the system can be swiftly assembled in seconds, requiring only one tool per person.



Rapid Positioning

The module positioning shim suspends the panel frame, enabling quick positioning and installation of PV modules.



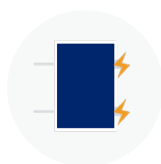
Safe Installation

PV modules are secured using clamp bolts from the backside, eliminating the need for climbing and ensuring safe installation and convenient maintenance.



Excellent Adaptability

Innovative crossbeam and adjustable holes can suit different module tilt angles.



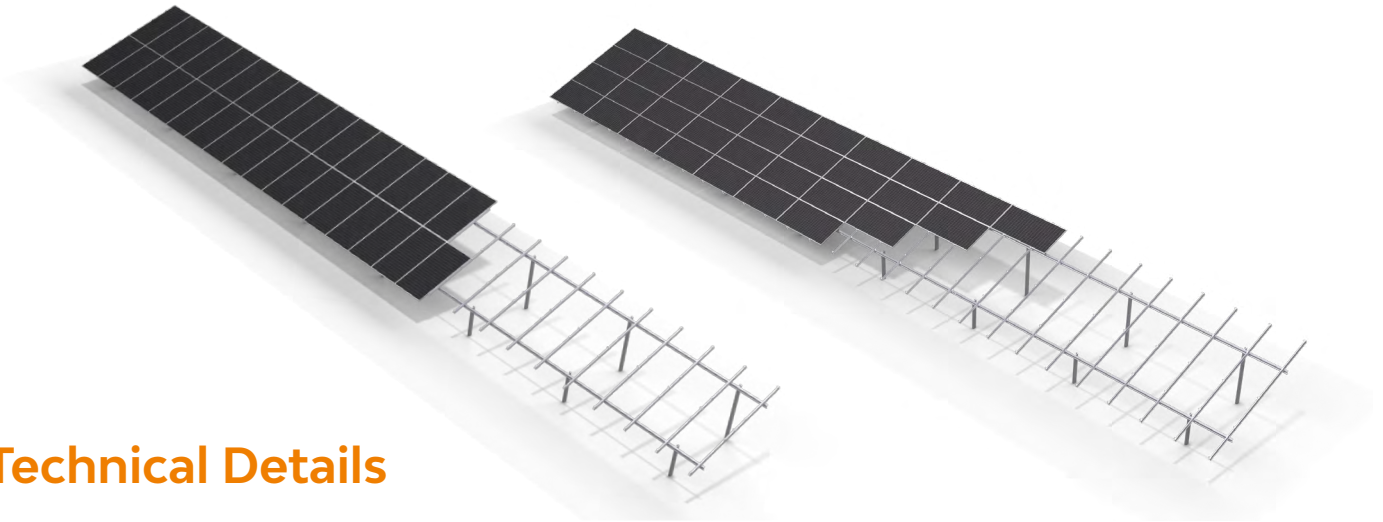
Self-Grounding Capability

Unique module clamps with a built-in grounding function, ensuring the grounding of PV modules without the need for additional parts.



Comprehensive Certification

ST Ikon has obtained ISO9001 certification, TUV certification and CE certification, undergone wind tunnel testing, ensuring the system's stability and durability.



Technical Details

Module Orientation	Portrait or Landscape (2P / 4L)
Wind Load	25m/s according to EN1990 for standard, customisable
Snow Load	Up to 0.85 Kpa for standard, customisable
Tilt Angle	15-35°
Foundation	Ramming
Material	Post: HDG Crossbeam: ZAM (Zinc-Aluminum-Magnesium) Steel Purlin: ZAM (Zinc-Aluminum-Magnesium) Steel Fastener: SUS304 or HDG
Land Slope	No limitation in South-north direction
Post Span	Perimeter Rows: Up to 4m for standard, customisable Interior Rows: Up to 6m for standard, customisable
Table Length	Standard Table Length: Up to 35m (3Px30 or 2Px30), customisable Maximum Table Length: Up to 100m (3Px90 or 2Px90), customisable
Standard	EURCODE 0-9 NTC 2018 AS NZS 1170.2 ASCE 7-16 JISC 8955
Certification	CE, TUV, Wind Tunnel Test
Warranty	12 years (Warranty extension can be customized according to the project)






*for other values, please consult with Clenergy



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