

ezShade Razor

Solar Parking Solution for Large Commercial and Utility Scale Projects



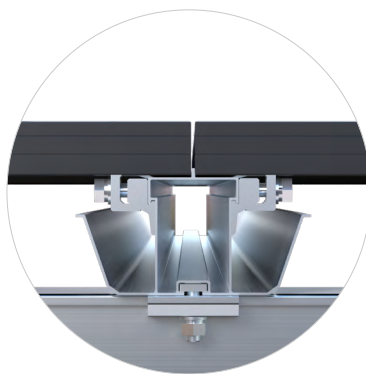
PVezRack® ezShade Razor is a solar parking solution generating clean solar energy as well as car sheltering to protect people and vehicles from solar irradiation, snow and rain. The main components are manufactured from high quality steel and aluminum to offer a reliable and robust solution. With multiple waterproof structures, the system is more intelligent and environmentally friendly.

Main Benefits



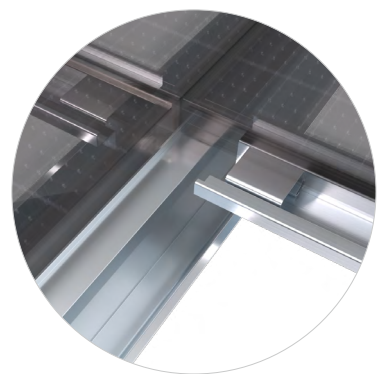
Parking Friendly

With the single post positioned at the end of Carport, ensuring optimal space utilization, people can easily drive in and out either straight or angled parking. We can also offer a back-to-back parking solution for maximum output.



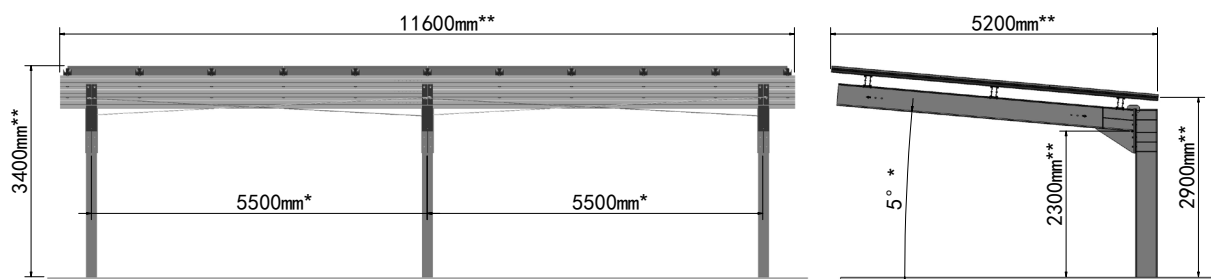
Safety

High safety performance and easily installation due to innovative clamp which can help fasten PV panels from bottom, avoiding the danger of cracking and preventing workers from falling. Furthermore, an innovative hook design for locating enables quicker installation.



Waterproof

With the special water guide rails and gutters install under the gap of PV panels, the PVezRack® ezShade Razor is totally waterproof. Water will flow along the gap into the gutters and water guide rails, finally into the ground.



Technical Details

Module Orientation	3P (module length is around 1800±100 mm) 2P (module length is around 2278±150 mm)
Module Type	Framed
Foundation	Concrete
Wind Load	Up to 50m/s (3s gust, MRI = 50Y)
Tilt Angle	5° (standard)*
Material	Post & Girder: HDG Rails & Clamps: AL6005-T5 Fasteners: HDG or SUS304
Span	5500 mm (standard)*
Standard	ASCE 7-10 EUROCODE 0-9 JISC 8955 AS NZS 1170.2
Mini Ground Clearance	2900mm**
Application	Carport, Backyard Shade, Swimming Pool Shade – Applications are endless
Certification	CE
Warranty	12 years

*For other values, please consult with Clenergy

**Only for reference, actual projects may be slightly different



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