

PV-ezRack®

By Clenergy 

ezShade Razor Wings

Solar Parking Solution for Large Commercial and Utility Scale Projects



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PV-ezRack® ezShade Razor Wings is a steel ground mount system for PV installation, which generates clean solar energy as well as provides shade for parking areas to protect people and vehicles from solar irradiation, snow and rain. The main components are manufactured from high quality Q355B steel and 6005-T5 aluminum to offer a reliable and robust solution.

Main Benefits

- **Customized Solution**

ezShade Razor Wings can offer back to back parking options with flexible panel orientation in portrait or landscape, which help ensure that you will find a suitable solution for almost any region. Varied metal sheets, such as corrugated or trapezoidal sheets, can be selected at the top for waterproof protection.

- **Non-obstructed Car Door Opening**

With the posts positioned at the end of Carport, people can easily drive in and out.

- **Easy and Quick Installation**

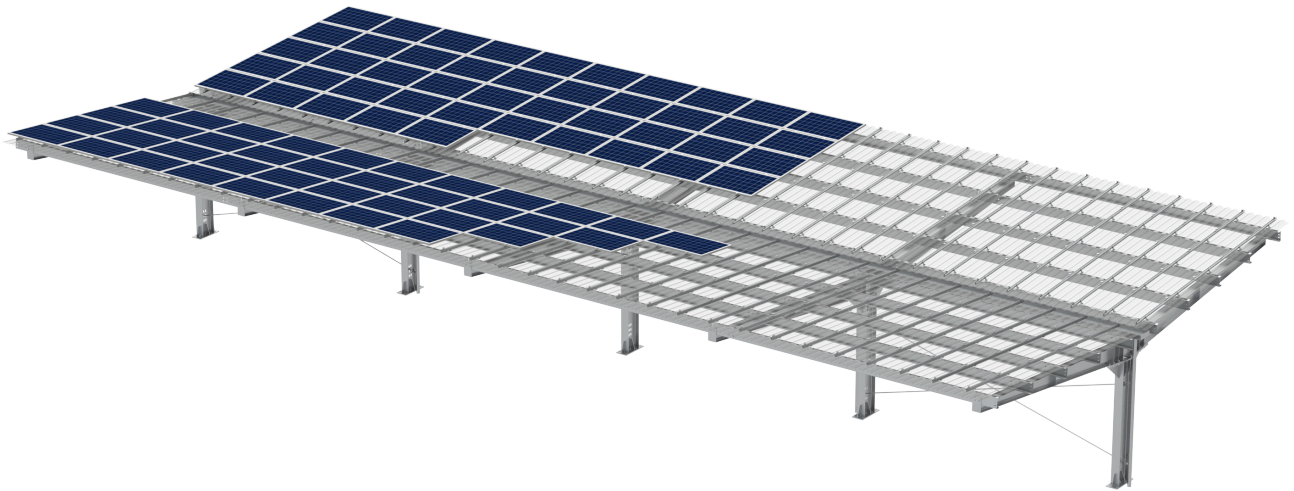
Thanks to the single posts and new sectional girders and beams, fewer connectors and fasteners are needed. And the modular design for standard panel sizes allows for even quicker implementation of projects.

- **Various Accessories Available**

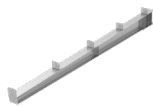
Apart from the traditional cable management and earthing system, surrounded covers and drainage systems that make the Carport very eye-catching are optional.

Technical Details

Module Orientation	Landscape or Portrait
Module Type	Framed
Wind Load	Below 50m/s
Tilt Angle	5°
Foundation	Concrete
Material	Main Structure: Hot-dip Galvanized Steel Fasteners: SUS 304
Standard	AS NZS 1170.2-2011 EN 1991 JISC 8955-2017 ASCE 7-10
Warranty	12 years



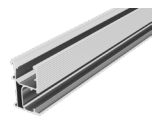
P-SPC
Post



G-SPC
Girder



R-C200/70
C-Steel



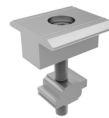
ER-R-ECO
ECO Rail



DF8458-01
Splice for Girder



ER-I-05
Tin Interface



ER-IC-ST
Inter Clamp



ER-EC-ST
End Clamp



DF8458-02
T-shape Color Steel Tile



TR-24/6000
Tie Rod M24*L



CO-TR/F/40/40
Tie Rod Connector



ER-HB-ST24
Bolt M24



ER-HB-ST12
Bolt M12



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