



Product Catalogue

Solar Mounting Solutions



About PVezRack®

At **PVezRack®** our heritage is founded on the art of engineering and a culture of collaboration. We've built our legacy with a future focus that still stays true to the fundamentals of sustainable design. We have built a collaborative culture amongst stakeholders from across our industry, which was critical for us to deliver on our mission. We offer the solar industry, versatile mounting equipment for every application.

PVezRack® is the flagship product line from Clenergy, which has been designing products since 2007 and has grown into an Australian solar industry icon with its products sold across 50 countries. Our ongoing research and development is backed by a culture of open innovation, excellence through quality and being service focused.

We develop for optimal functionality, with an emphasis on simplicity for aesthetically brilliant projects. Our technically advanced solar mounting gear is complemented by unique kliplok clamps and accessories, as well as our unparalleled logistics & operations team, with an emphasis on customer service.



Clenergy is a veteran manufacturer with startup roots in Melbourne, Australia, we have earned a solid reputation throughout the nation and across APAC, because of a proven track record of success. We bring our expertise to the table to provide your company and engineers with creative insights and attention to detail.

List of contents

About PVezRack®	01
Milestones	02
SolarRoof™ AeriN Rail Solution	03 - 04
Ascent 1.1	05 - 06
SolarTripod Light	07 - 08
ComT 2.0	09 - 11
SolarTerrace Eco	12 - 13
SolarTerrace MAC	14 - 15
ezShade 2.0	16 - 17
ezShade Razor	18 - 19
ezTracker™ D1P	20 - 21
ezTracker™ D2P120	22 - 23
Global Projects	24 - 29
Merch Store	30

Key Facts

Market Value

Founded in 2007
Public listed on the Shanghai Stock Exchange in 2017
Strategic investment by Chinese state-owned enterprises

Industry Leader

39GW of worldwide installations
Top 2 Solar Tracker Supplier in China
Largest share of AU rooftop solar PV market for 16 years
40 billion+ kWh green power generation capacity annually

Core Business

Global offering of solar products
Solar PV + Smart Energy Solution
1,000,000+ rooftop solar projects
15,000+ solar plants

Milestones



2021-Current New Heights

Clenergy enters the building industry with cable management solutions, and launches the RUNNUR brand.

Clenergy sealed a strategic partnership with Xiamen C&D Inc. and Xiamen Lide Group.

Launched country-wide distributed rooftop pilot program across Xiang'an district backed by the National Energy Administration.

Clenergy rebrands to reflect our new vision and mission.



2011-2015 Global Expansion - Diversified Development

Added a Tianjin manufacturing base.

New Official Subsidiaries – Australia, US, Japan, Thailand and the Philippines.

Business Model – Global Market + Local Service + Global Supply Chain.



2007-2008 Startup - Foundation

Founded Manufacturing in Xiamen, China. Developed the Australian market. Great Industry brand awareness.

2016-2020 Public Listing

IPO application approved by the CSRC in 2016.

Successfully listed in the Shanghai Stock Exchange in 2017.

Doubled the sales volume in 2018, reaching 1.7GW.

Cooperated with Obton and Hunan Xinhua on 65MW and 77.1MW solar project respectively in 2019.

Pipeline of more projects across Asia, Japan, Germany & Australia.

Annual shipments reached 2GW in 2020; Bagged 293MW order in Shihezi, Xinjiang, making it the largest solar tracker project within China in 2020.

2009-2010 Turning Pointing

Successfully developed the "PVezRack®" series.

Lead to Australia's No.1 Solar Mounting Equipment supplier.



SolarRoof™ AeriN Rail Solution

PVezRack® SolarRoof™ AeriN Rail Solution is a universal solution designed for PV-module installation on tin and tile roof. Thanks to our Interfaces, Rails and Clamps with unique sectional property, PVezRack® SolarRoof™ AeriN Rail Solution could offer robust structure and long lifecycle. Available with penetrative and non-penetrative solution on a large variety of roof types.

Main Benefits

Quick and Easy Installation

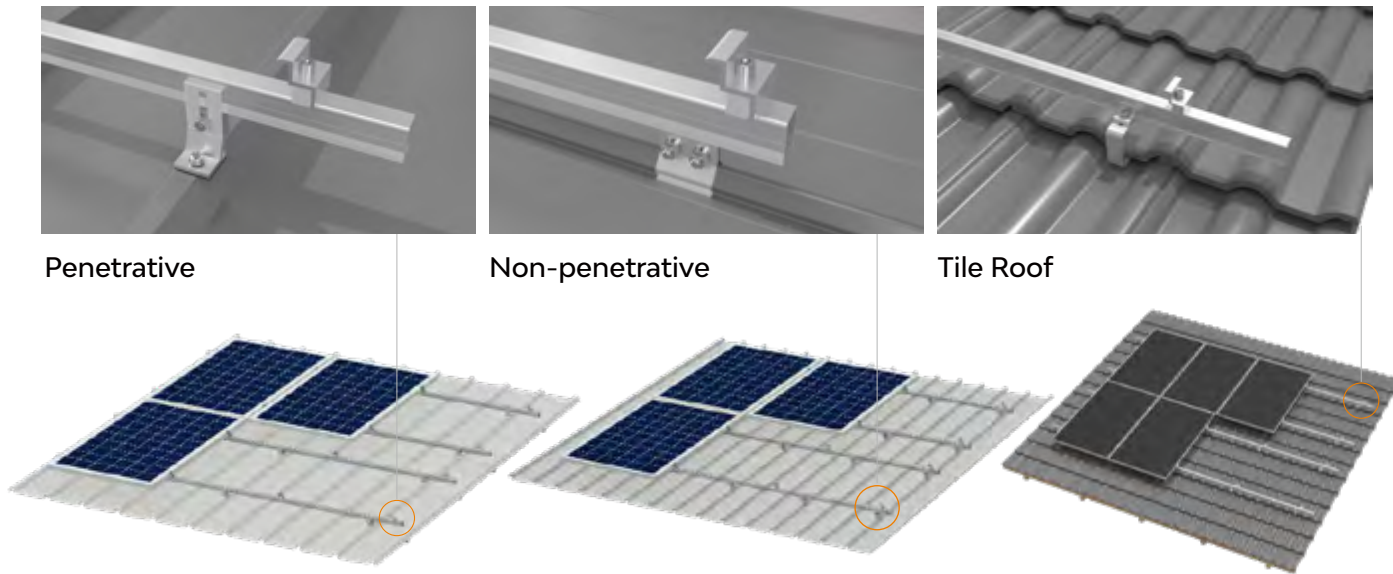
Innovative AeriN Omega Moudle is used in this solution. It provide easy and safe installation method. And can be clicked into the rail at any given point, and secured with just two or three hand grips.

Versatility

With various types of Interfaces and non-penetrative clamps, PVezRack® SolarRoof™ AeriN Rail Solution could be compatible with common tin and tile roofs and PV-modules over the market. In the growing range of clamps, cable clips, adapters and accessories you are sure to find the parts you require for your rooftop mounting needs.

Technical Details

Module Orientation	Landscape or Portrait
Module Type	Framed
Wind Load	Customized
Roof Type	Tin and tile roof
Tilt Angle	0°, parallel to roof surface
Material	Main Structure: AL6005-T5 Fasteners: SUS 304
Standard	ASCE 7-10 AS NZS1170.2-2021 EN1991 JISC8955-2017
Warranty	12 Years
Design Life	25 Years



				
ER-R-AEN/XXXX AeriN Rail	ER-SP-AEN Splice for AeriN Rail	ER-RC-AE Rail Clamp for AeriN Rail	ER-IC-AE Inter Clamp	ER-EC-AE End Clamp
				
ER-I-05A/AEN-6.3/85/CS Tin Interface A with TO rail clamp	ER-I-05A/AEN/HB/MP Tin interface A with hanger bolt	ER-I-32/SH Klip-lok Interface 406	ER-I-43 Klip-lok Interface for Angularity 25	ER-I-44 Klip-lok Interface for standing seam 8
				
ER-I-31/SH Klip-lok Interface 400-700HS	ER-I-PRO/04/AE Flat Tile Interface for Tegalit roof	EZ-GC-AE Grounding Clip II for AeriN Rail	EZ-GL-U Rialto Grounding Lug	EZ-CC-PV/4 Capilano Cable Clip for PV Panels forholding 4 cables

Ascent 1.1

The PVezRack Ascent 1.1 is a low ballast, south/nouth, east-west facing solution for PV installation on flat roofs. With the special design and a tilt angle of 10° and 15°. Ascent 1.1 is suitable for most common flat roof installations. Its innovative support and clamp design allow for both short-side and long-side clamping using the same components, ensuring flexibility and ease of installation.

Main Benefits

Wind Tunnel tested

Ballast reduction through aerodynamic optimized construction. Also tested in boundary layer wind tunnel by the independent wind tunnel test agency, to achieve optimum ventilation for maximum energy output.

Pre-assemble

Pre-assembled inter and end clamp with legs reduce SKU, and also save warehouse and pick up cost.

Click-in technology

Easy installation and Tool-free assembly of the base rail due to click-in innovative patented design.

Roof friendly

With building protection rubber pad and optimal support surface , Ascent 1.1 achieves exceptional adaptability on flat foil, bitumen and concrete roofs.

Technical Details

Application	Flat roof up to 5°
Setting Angle	10°/15°
Module Orientation	North/South, East-West; Landscape
Roof covering	concrete roof, membrane roof, bitumen roof
Module Size	Short Side Clamping When using 1500 and 2450mm base rail: width 1018-1190mm, height 28-40mm When using 2240mm base rail: width 1018-1134mm, height 28-40mm. Long Side Clamping When using 2450mm base rail: width 990-1151mm, height 28-40mm. When using 2240mm base rail: width 990-1047mm, height 28-40mm.
Snow Load	Customised
Wind Load	Customised
Material	Main Components: AL6005-T5 Wind Deflector/Ballast bar: MAC Steel Fasteners: SUS 304 Plate: Polypropylene (PP) and EPDM
Certification	TUV CE Wind Tunnel Test (I.F.I. Institute)
Standard	Eurocode 0-9 BRE489 AS NZS1170.2 JISC8955 ASCE 7-10
Warranty	12 years

Short Side Clamping



FL-ACV11/G/10 & FL-ACV11/G/15
FL-ACV11/G/10/MI & FL-ACV11/G/15/MI
Front Leg 10°/15°



RL-ACV11/G/10 &
RL-ACV11/G/10/MI
Rear Leg 10°



RL-ACV11/G/15 &
RL-ACV11/G/15/MI
Rear Leg 15°



WD-ACV11/XX/XXXXM
Wind Deflector, 10° and 15°

Made of aluminium, preassembled with end clamp and inter clamp, Front Leg and Rear Leg are click-in assembly to the base rail that offer excellent corrosion resistance.

The wind deflector is fixed to the legs, normally installed on the end of array for deflecting wind and ensuring system stability.



Leg unlock tool
Packed with Front Leg, to remove front and rear legs if the installation is incorrect.

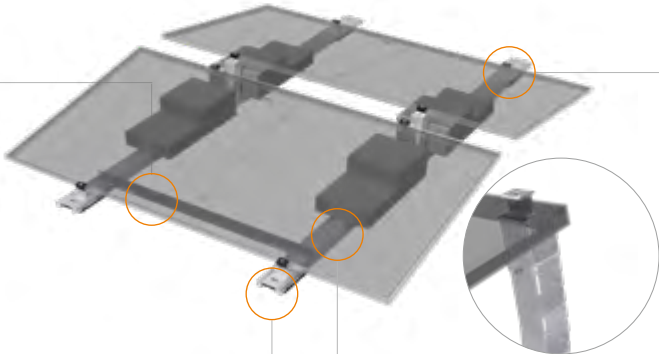
MB-ACV11/SN/XXXX
Main Base, North/south

BB-ACV11/XXXXM
Ballast Bar
With a simple and robust design, this component efficiently fixes the ballast to the mounting structure.

Long Side Clamping



Connection Rail
Special designed for long side clamping solution.



EZ-PM-AC
EZ-PM-AC/RB
Protection Mat with EPDM



SEB-ACV11/100
Start and End Base L100



MB-ACV11/EW/XXXX
Main Base, East-west



CB-ACV11/EW/XXX
Connection Base, East-west

The Polypropylene & EPDM mat offer a clearance between the roof surface and the base for water drainage. Also achieves exceptional adaptability on flat foil, bitumen and concrete roofs.

SolarTripod Light

The PVezRack® SolarTripod Light with pre-assembled supports, including pre-installed rail clamps, is an economical mounting system, which is suitable for residential and commercial flat roofs. It has one of the fastest installation speed in its class. This system is manufactured from structural grade aluminium alloy to ensure excellent corrosion resistance and light weight.

Main Benefits

Fast and Easy Installation

The Tripod Light supports are delivered with pre-set tilt angles, pre-assembled, which include the rail clamps pre-installed at the right position. This allows a quick and easy installation.

Cost Reduction

The combination of simple L-Shaped aluminium profiles with Z-Module channels in the support and the optimised ECO-Rail results in cost reduction without compromise in structural integrity.

Grounding/Earthing Function

The rail clamps include the earthing pins, which provide continuity between rail and support. On the ECO-Rail the standard earthing clips and lugs can be used.

Universal Application

Standardised components are suitable for 60cell as well as for 72cell panels with the base length of 1350mm or 1700mm and with the tilt angle of 15° or 30°. Customised lengths and tilt angles are available on order.

Technical Details

Module Orientation	Landscape or Portrait
Wind Load	Customised
Roof Type	Concrete Roof
Tilt Angle	5°-30°
Material	Main Structure: AL6005-T5 / Fasteners: SUS 304
Certification	CE
Standard	ASCE 7-10 AS NZS 1170.2 EN 1991 JISC 8955-2017
Warranty	12 years



EC-M/OM/L50
End Clamp, Length 50mm



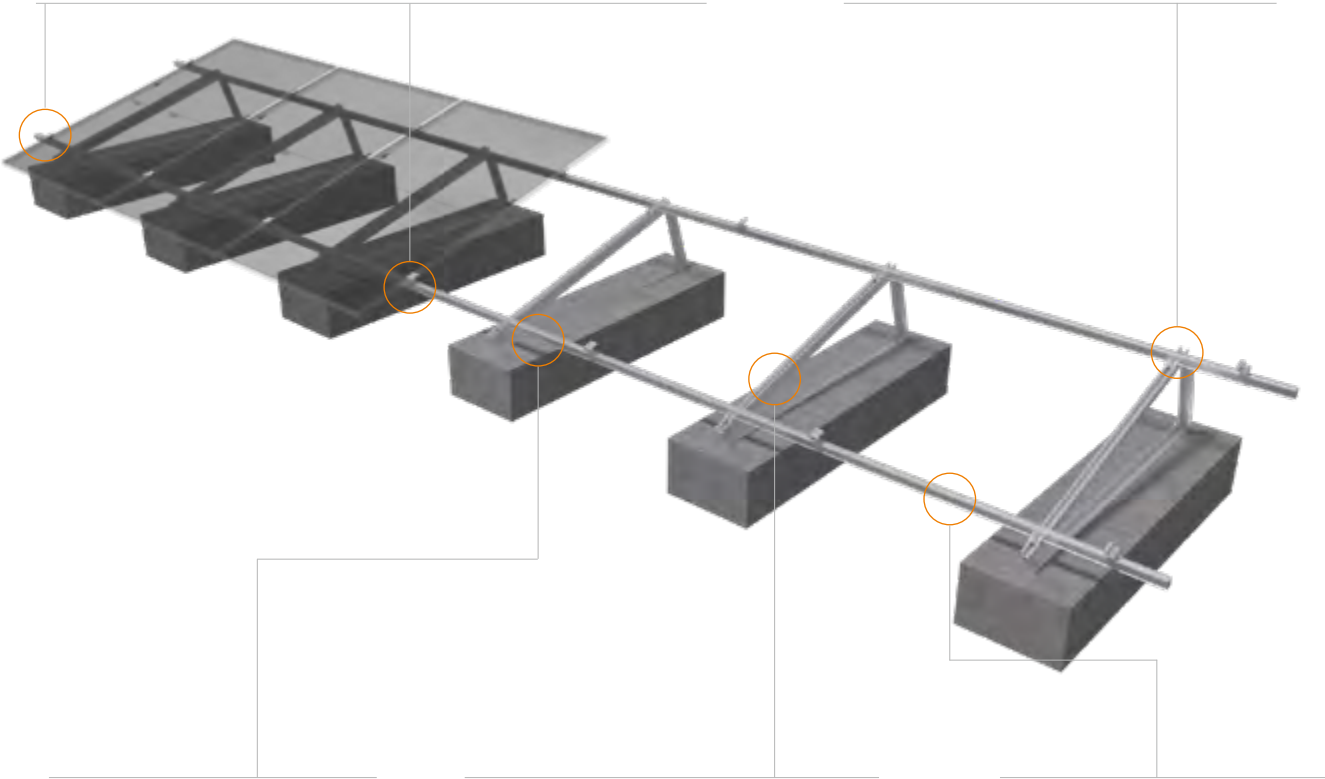
ICII-MXX/L50
Inter Clamp, Length 50mm



DF5971-01
Clamp For DT Rail

The Inter and End Clamp is used to fasten panels. Its patented design allows for speedy and convenient installation

With the patented Z module, the Rail Clamp is used to fasten the Rail.



SP-DT
Splice for DT-rail

Specifically developed to connect two DT-Rails together.



ER-S-TRIL
Support for SolarTripod Light, single

The Support is fixed on roofs and used for carrying rails.The pre-assembled solution speeds up installation and saves time and labor.



R-DT
DT-rail

The DT-Rail carries panels. Its unique design delivers high strength and a low weight.

ComT 2.0

The Clenergy PV-ezRack® ComT 2.0 is an universal and fast mounting system for PV installation on all residential or commercial flat tin roofs. With its flexible and scalable design it enables perfect utilization of roof surface available. With tilt angles of 5°, 10° or 15°, the PV panels can generate a maximum output.

Main Benefits

Roof Friendly

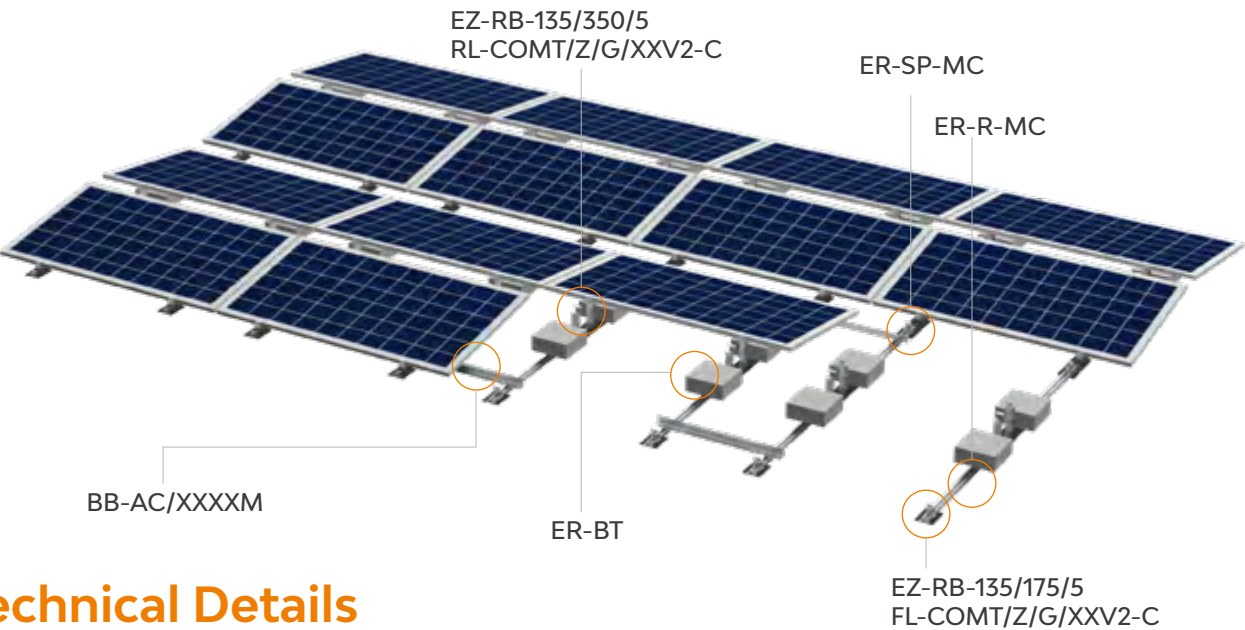
With a building protection rubber pad and pre-fitted foil underneath, ComT 2.0 achieves exceptional adaptability on flat foil, bitumen and concrete roofs.

Optimize Energy Output

The legs can mount PV panels with a width of up to 1200 mm.
Tilt angles: options of 5°, 10° and 15°.








Easy and Quick Installation

With only one Z-Module fastener on the rail, pre-attached earthing pins and panel clamps held upright by a spring bolt, the COMT2.0 system enables seamless and quick installations.



Technical Details

Roof type	Tin and Flat Roof
PV Panel Dimension	Up to 2400 x 1200mm
Setting Angle	5°, 10° and 15°
Module Orientation	South/North, East-west: Landscape
Material	Main Components: AL6005-T5 Fasteners: SUS 304
Standard	ASCE 7-10 AS NZS 1170.2 EN 1991 JISC 8955-2017
Warranty	12 years

	FL-COMT/Z/G/10V2-C Front Leg 10°	<ul style="list-style-type: none">- End Clamp, L50- Front Leg 10°- Z Module- Hexagon socket head cap screw M8*25&40- Plain washer 8- washer 8- spring 10.2*30
	FL-COMT/Z/G/15V2-C Front Leg 15°	<ul style="list-style-type: none">- End Clamp, L50- Front Leg 15°- Z Module- Hexagon socket head cap screw M8*25&40- Plain washer 8- washer 8- spring 10.2*30
	RL-COMT/Z/G/10V2-C Rear Leg 10°	<ul style="list-style-type: none">- End Clamp, L50- Rear Leg 10°- Z Module- Hexagon socket head cap screw M8*25&40- Plain washer 8- washer 8- O rubber rings 10*1.9- S1/4*250mm*H6
	RL-E-COMT/G/15 Rear Leg Extender	<ul style="list-style-type: none">- Rear Leg Extender- Hexagon socket head cap screw M8*16- Washer 8- External Teeth Lock Washer 8- S1/4*330mm*H6
	ER-R-MC Mycro Rail	<ul style="list-style-type: none">- Mycro Rail
	ER-SP-MC Splice for Mycro Rail	<ul style="list-style-type: none">- Splice for Mycro Rail- Z Module- Washer 8- Lock washer M8*18- Hexagon socket head cap screw M8*20
	BB-AC/XXXXM Ballast Bar	<ul style="list-style-type: none">- Ballast Bar- Z Module- Washer 8- Plain washer 8- Hexagon socket head cap screw M8*20



ER-BT
Ballast Tray

- Ballast Tray



EZ-RB-135/175/5
Rubber Pad

- Rubber Pad



EZ-RB-135/350/5
Rubber Pad

- Rubber Pad

SolarTerrace Eco

Aluminum Ground Mounting System



Clenergy PVezRack® SolarTerrace Eco (ST Eco) is a highly pre-assembled ground mounting system, suitable for commercial and utility-scale PV installations. Innovative M and W module channel rails are very convenient and helpful to improve the installation accuracy. Using high quality components, ST Eco is more suitable for areas with higher salinity, and significantly saves labor time and cost, especially delivering large scale projects.

Main Benefits



Excellent Corrosion Resistance
Anodised aluminum and SUS304 stainless steel parts make the system suitable for even the toughest corrosive environments, such as coastal areas.



Easy and Fast Installation
Thanks to the completely pre-assembled support, ST Eco only needs to be opened up and secured to the foundation. And with the pre-installed positioning rail clamps, you don't need measure and mark rail positions anymore. The system saves valuable time and cost in assembly and logistics.



Versatility
With modular design, such as A-shaped support, N-shaped support, W-shaped support, TM rail and TW rail, ST Eco can be compatible with different regions where the wind and snow load vary.



Technical Details

Module Orientation	Landscape or Portrait
Wind Load	Up to 70 m/s (ASCE 7-10)
Tilt Angle	0-60°
Foundation	Ground Screw Concrete
Material	Main Structure: AL6005-T5 Ground Screw: HDG Steel Fasteners: SUS 304
Land Slope	Up to 30° in East-west direction, no limitation in South-north direction
Span	≤5000 mm*
Standard	ASCE 7-10 EUROCODE 0-9 JISC 8955 AS NZS 1170.2
Certification	TUV, CE
Warranty	12 years

*for other values, please consult with Clenergy

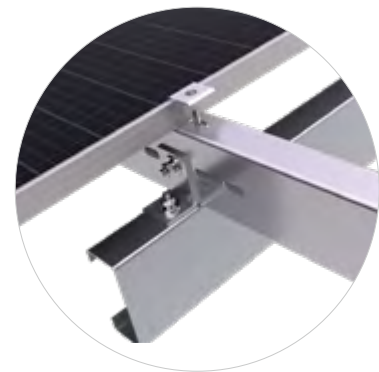
SolarTerrace MAC

Zinc-Aluminium-Magnesium Coating Steel Ground Mounting Solution



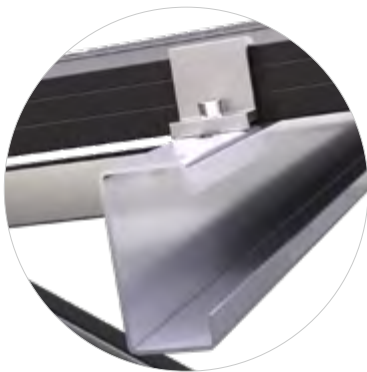
PVezRack® SolarTerrace MAC is a highly versatile ground-mounting solution suitable for commercial and utility-scale PV installations. Thanks to the well-considered design, the system is very cost-effective and convenient for PV installations. Manufactured from MAC steel (Zinc-Aluminium-Magnesium Coating) with excellent corrosion resistance and an elegant surface, PVezRack® SolarTerrace MAC offers a reliable and durable solution.

Main Benefits



Easy and Quick Installation

Thanks to the efficient and simple design with fewer brackets and fasteners, the system can be completed with simple tools in a shorter time.



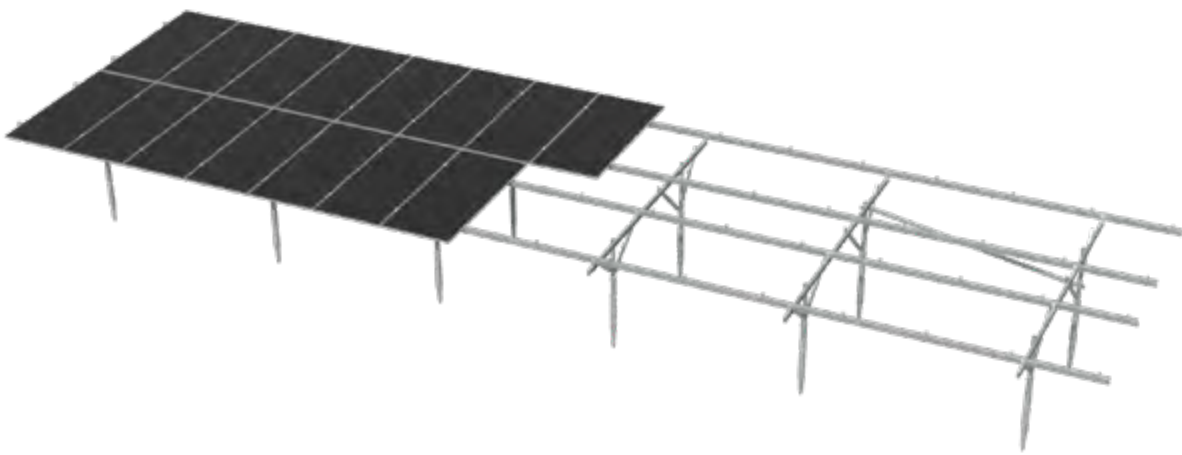
Excellent Corrosion Resistance

Manufactured from MAC steel with excellent corrosive resistance nature and self-healing function, the system ensures a reliable protection defending against site corrosion condition.



Excellent Flexibility

With the design of adjustable slots, the system can be installed flexibly, with multiple adjustment options available.



Technical Details

Module Orientation	Max 3P or 6L*
Wind Load	Up to 70m/s (ASCE7-10)
Snow Load	Up to 3.0 KN/m2
Tilt Angle	0-60°
Foundation	Ground Screw Concrete Ramming
Material	Main Structure: Zn-Al-Mg Coating Steel Post : HDG Steel Clamps: AL6005-T5 Fasteners: SUS304, SUS316 or HDG Steel
Land Slope	Up to 30° in East-west direction, no limitation in South-north direction
Span	≤5000mm*
Standard	AS NZS 1170.2 EUROCODE 0-9 JISC 8955 ASCE 7-10 NSCP 2015
Certification	CE, ETL
Warranty	12 years

*for other values, please consult with Clenergy

ezShade 2.0

Solar Parking Solution for Residential and Commercial Projects



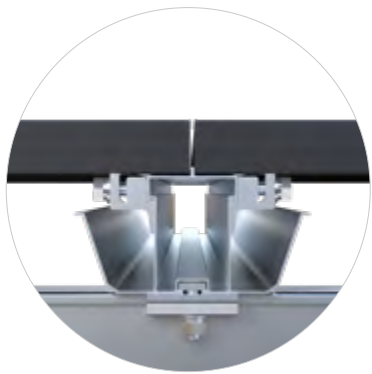
PVezRack® ezShade 2.0 is a solar parking solution providing solar panels support as well as car sheltering for residential and commercial projects. The high quality aluminum components and stainless steel fasteners ensure a robust and reliable system. With the exquisite structure design, the waterproof function is available without using a large amount of EPDM rubbers.

Main Benefits



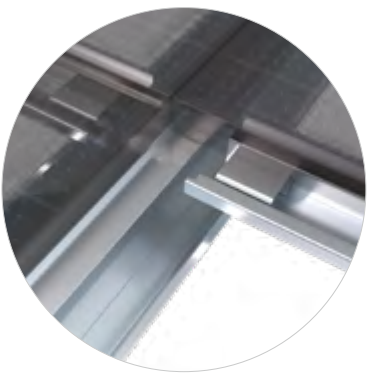
Easy Installation

Thanks to the innovative structural design, the system can be installed with less steps in a short time.



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.



Waterproof

With the special water guide rails and gutters install under the gap of PV panels, the PVezRack® ezShade 2.0 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	Main Structure: AL6005-T5 Fasteners: SUS 304
Span	5500 mm (standard)*
Standard	ASCE 7-10 EUROCODE 0-9 JISC 8955 AS NZS 1170.2
Mini Ground Clearance	2100mm*
Application	Carport, Backyard Shade, Swimming Pool Shade – Applications are endless
Certification	CE
Warranty	12 years
Power Output	3P (module power 415 Wp, total power 12.45 kWp for per unit 3P x 10) 2P (module power 575 Wp, total power 11.50 kWp for per unit 2P x 10)

*for other values, please consult with Clenergy

ezShade Razor

Solar Parking Solution for Large Commercial and Utility Scale Projects



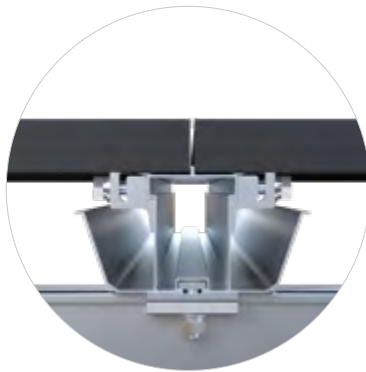
PVezRack® ezShade Razor is a solar parking solution generating clean solar energy as well as car sheltering to protect people and vehicles from solar irradiation, snow and rain. The main components are manufactured from high quality steel and aluminum to offer a reliable and robust solution. With multiple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

Main Benefits



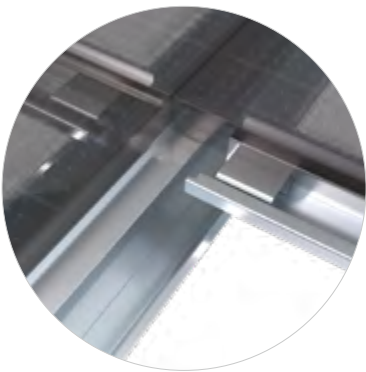
Parking Friendly

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

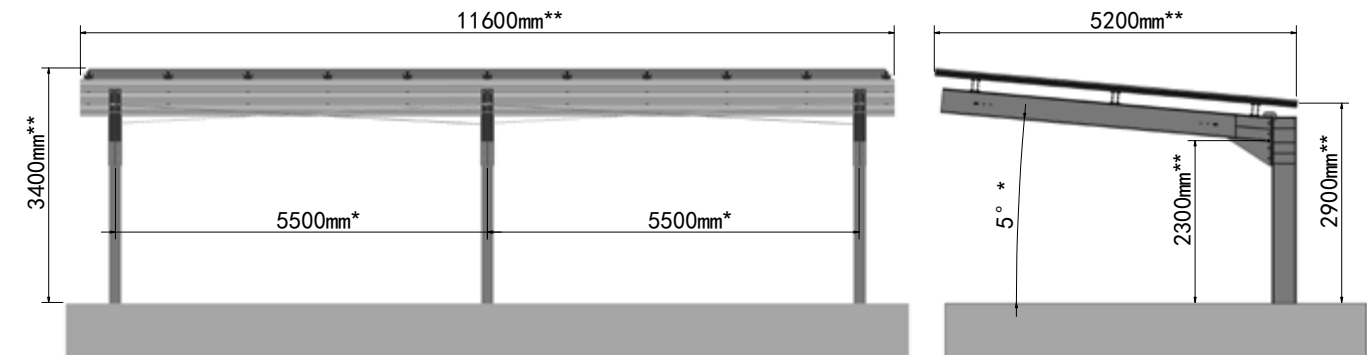
High safety performance and easily installation due to innovative clamp which can help fasten PV panels from bottom, avoiding the danger of cracking and preventing workers from falling. Furthermore, an innovative hook design for locating enables quicker installation.



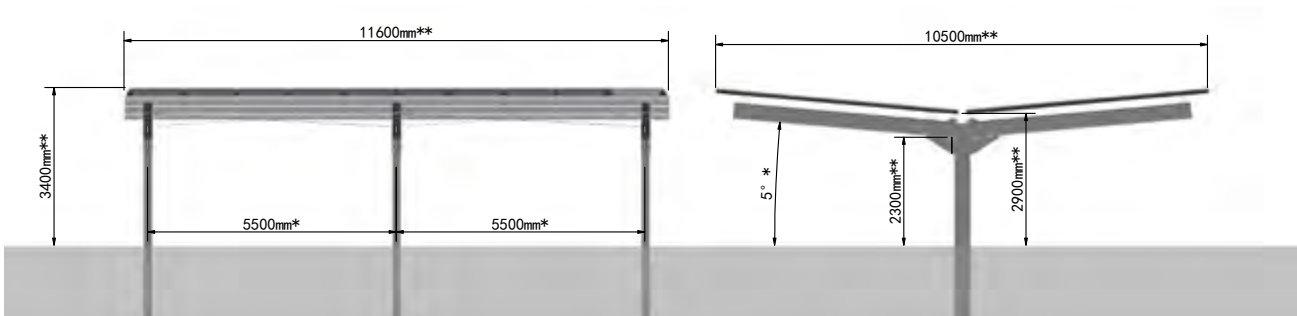
Waterproof

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.

Single Wing/One Row Layout



Double Wings/Two Rows Layout



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

D1P One Portrait Horizontal Single-axis Tracker



Advantages

- Advanced Smart Control
- Flexible Layout for Irregular Terrains
- Comprehensive Certification
- Easy and Quick Installation

Power Generation Increased
Up to 25%
 Compared to a Standard Fixed Tilt System

Features

Clenergy presents an adaptable, cost-effective solar tracker ideal for commercial or utility scale PV projects.

- Terrain adaptability – slope up to 20%
- Customisable foundation variations
- Easy-to-install structure
- Advanced AI control and excellent wind stability



Technical Details

PV-Modules	
PV-Modules supported	Compatible with modules up to 700W or 210 cells
Structure	
Type	Horizontal single-axis tracker
Maximum capacity per row	45.78kWp (Estimated with 545W PV-Modules)
PV-Modules quantity per row	90 PCS (1x90)
Tracking range	±60° (120°)
Tracking accuracy	≤2°
Structural materials	HDG steel, Zn-Al-Mg coating steel
Foundation	Steel pile, PHC pile, Concrete foundation
Quantity of foundation/MW	Normally about 250 PCS/MW (Estimated with 545W PV-Modules)
Electrical	
Motor type	24V DC Motor
Motor quantity	1 motor per row
Drive method	Slewing drive
Solar tracking method	Astronomical algorithm + closed-loop control
Control system	MCU
Signal transmission	Wire or wireless
Backtracking	Yes
Power supply	Self-powered or grid-powered
Commission	By mobile phone App
1000V System or 1500V System	Both available
Protection Function	
Night stow mode	Yes
Overheat prevention	Yes
Environment	
Wind load	Customisable according to local condition
Operating temperature	-30°C to +60°C
Civil and Installation	
Slope tolerance	Up to 20%
Special tools	Not required
Other	
Onsite training & commissioning	Yes
Design standards	ASCE 7-16 EURCODE 0-9 JISC 8955 AS NZS 1170.2 GB 50009
Warranty	10 years for main structure 5 years for drive and control components





TUV Certification



ETL Certification



CPP Wind Tunnel Test



DNV Bankability



CE Certification

D2P120 Newest Generation Two Portrait Smart Solar Tracker



Advantages

- Multi-drive System for Maximum Aeroelastic Stability
- Advanced Smart Control
- Flexible Layout for Irregular Terrains

Power Generation Increased

Up to 25%

Newest Generation 2 x Portrait Smart Solar Tracking System

Features

The innovative model is characterized by its high system stability throughout the life of the solution, maximizing the energy output for solar plants. This system can be flexibly used for sites with challenging soils and delivers a perfect solution for Agrivoltaics and Fisheryvoltaics projects.

- Higher power density - supports up to 120 modules with 4×1,500V-strings
- Lower construction costs - requires 135 posts per MW
- Bifacial compatibility - secures the maximum power generation



Tracking



Backtracking



Diffuse Tracking



Night Stow



Wind Stow



Snow Stow



Rain Clean



Flood Stow

Technical Details

PV-Modules	
PV-Modules supported	Compatible with modules up to 700W or 210 cells
Structure	
Type	Horizontal single-axis, independent row
Maximum capacity per row	65kWp (Estimated with 545W PV-Modules)
PV-Modules quantity per row	Up to 120 modules, depending on module string length
Bifacial features	Available with optimized central torque tube gap
PV-Modules configuration	2 in portrait 4 x 1,500 strings per standard tracker
PV-Modules attachment	Self-grounding and electrical tool-actuated
Tracking range	±60° (120°)
Tracking accuracy	≤2°
Ground coverage ratio (GCR)	30% to 50%
Structural materials	HDG steel, Zn-Al-Mg coating steel
Foundation	Steel pile, PHC pile, Concrete foundation
Quantity of foundation/MW	Normally about 135 PCS/MW (Standard W8 section foundation posts)
Electrical	
Motor type	24V DC Motor
Drive method	Patented multi-drive
Solar tracking method	Astronomical algorithm + closed-loop control integrated AI control tracking algorithm
Signal transmission	Wire or wireless
Backtracking	Yes
Power supply	Option1: Array powered, integrated backup battery Option2: AC powered, customer-provided AC circuit
Protection Function	
Night stow mode	Yes
Wind protection	Intelligent wind stowing with self-locking Multi-drive system for maximum array stability
Environment	
Wind load	Configurable up to 190 kph (3S gust)
Operating temperature	Array powered: -20°C to +60°C AC powered: -30°C to +60°C
Civil and Installation	
Slope tolerance	North-south up to 20%, East-west with no limits
Special tools	Not required
Other	
Onsite training & commissioning	Yes
Design standards	ASCE 7-16 EURCODE 0-9 JISC 8955 AS NZS 1170.2 GB 50009
Warranty	10 years for main structure 5 years for drive and control components





TUV Certification



ETL Certification




CPP Wind Tunnel Test



DNV Bankability



CE Certification



SolarRoof

Malaysia
3MW



SolarRoof

Malaysia
4MW



SolarRoof

Malaysia



SolarRoof

Malaysia



SolarRoof

Malaysia



SolarRoof

Malaysia



SolarRoof

China
100MW



SolarRoof

Philippines
4.77MW



SolarRoof

Thailand
3.3MW



SolarRoof

Indonesia
1.1MW



SolarRoof

Indonesia
1.2MW



SolarRoof

Singapore
750kW



SolarTerrace MAC

Malaysia
40MW



SolarTerrace MAC

China
896MW



SolarTerrace MAC

Philippines
140MW



SolarTerrace MAC

Philippines
60MW



SolarTerrace MAC

Saudi Arabia
44MW



SolarTerrace MAC

Germany
63MW



SolarTerrace MAC CAF
25MW



SolarTerrace ECO Indonesia
25MW





SolarTerrace Eco Vietnam
80MW



SolarTerrace ECO Indonesia
20MW



ezTracker China
336MW





ezTracker Myanmar
148MW



ezTracker Vietnam
50MW



ezTracker Cambodia
77MW



ezTracker Japan
10MW



ezShade 2.0 Malaysia



ezShade 2.0 Malaysia



ezShade 2.0 Thailand
5MW

Merch Store



Merch Store



 **PV-ezRACK®**

CLENERGY 

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