

PV-ezRack SolarRoof

Reliable, robust roof mounting system with high quality components designed for the harshest conditions.



PV-ezRack SolarRoof

PV-ezRack SolarRoof has been developed for residential PV installations on tin and tile roofs. The components are easy to install and can be used for flush as well as tilted systems, on a large variety of roof types. The interfaces, rails and clamps use high quality, robust and corrosion resistant materials including structural grade aluminium alloy (AL6005-T5) and stainless steel (SUS304).

Main Benefits

Quick and easy installation

Innovative and internationally patented, the Z-Module technology is used in almost all SolarRoof components. The Z-Module provides a quick, easy and safe installation method. It can be inserted in to the rail at any given point, and secured with just three hand grips.

Versatility

A large variety of roof hooks, tin roof fixings, tilt legs and adapters help ensure that you will find a suitable fixing method for almost every roof, where fixing with or without penetration is required.

Wide range of tilting

With three adjustable tilt legs, these parts can tilt panels from between 10-60 degrees. Through its innovative design, the tilt legs can cope with all common purlin distances.

Universal

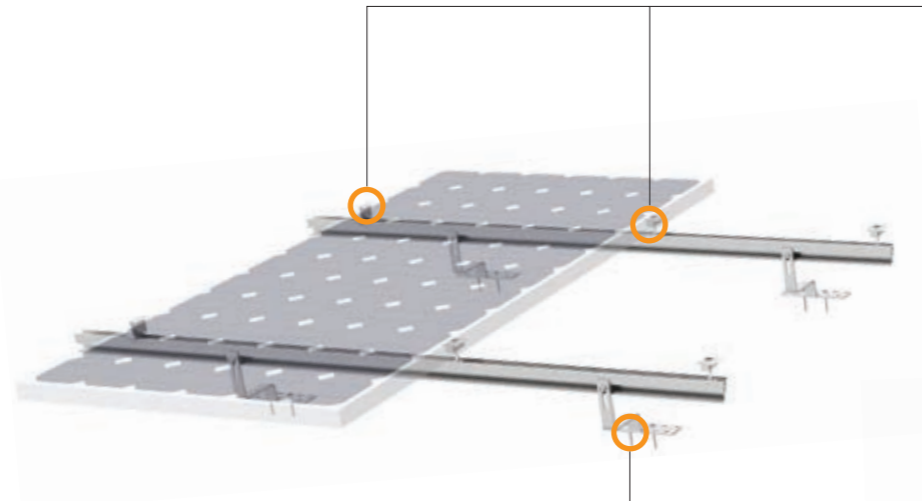
SolarRoof has suitable mid and end clamps for every size of solar panel including frameless, thin film panels or special clamps for cyclonic regions. In the growing range of clamps, cable clips, adapters and accessories you're sure to find the parts you require for your residential rooftop mounting needs.

10 Year
Warranty*

Commercial

Residential

International Patent
PCT/AU2009/000616



Tile interface

SolarRoof has high quality stainless steel roof hooks which are suitable for most types of tiled roofs. Side mounted or landscape tile interfaces can be used to cater for special mounting needs. Roof hook extenders are also part of the range for installations on high corrugation tiles such as Spanish tiles.



Inter and End clamps

The PV-ezRack Inter and End clamps offer a simple, easy to use and robust fixing of the PV panels (of all sizes) using the patented Clenergy Z-module. Compatible clamps for thin film modules are also available.



Adjustable tilt legs

One of Clenergy's first innovations, this universal design allows a wide range of tilt angles with only one component. The tilt leg is made entirely of structural grade aluminium profiles connected with stainless steel fasteners.



The available adapters, non-penetration clamps and base rails make the application of this part truly universal.



ST-Rail

Specifically developed to achieve larger spans, the SolarRoof standard rail has reduced the number of required fixings. The ST-rails have two patented Z-Module channels with one at top for panel mounting and the second on side for connecting to the roof interface. The standard rail comes in 2560, 3150, 3405 and 4200mm lengths.



Tin interface

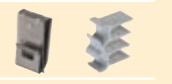
The robust aluminium L-feet, which provides a height adjustment of almost 30mm, is designed for corrugated and trimdek type tin roofs. It comes with a Z-Module plus bolt preassembled, with a screw which includes bonded sealing washer plus an EPDM rubber pad.

Available accessories

Grounding/
earthing



Cable clips



Isolator bracket



Rail caps



Materials

AL6005-T5 | SUS304

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Clenergy
Innovating renewable energy

*see Clenergy PV-ezRack warranty for further details



Worldwide network



Clenergy Australia

Unit 11, 20 Duerdin St, Clayton VIC 3168, Australia
 Tel: +61 3 9239 8088 Fax: +61 3 9239 8024
 E-mail: sales@clenergy.com.au www.clenergy.com.au

Clenergy America

5755 Oberlin Drive, Suite 328, San Diego CA 92121
 Tel: +1 858 790 8066
 E-mail: sales@clenergy.us www.clenergy.us

Clenergy China

999-1009 Min'an Rd, Huoju Hi-tech Ind. Dev. Zone
 Xiang'an District 361101, Xiamen, Fujian, China
 Tel: +86 592 311 0088 Fax: +86 592 599 5028
 E-mail: sales@clenergy.com.cn www.clenergy.com.cn

Clenergy Europe

Clenergy Court, Blisworth Hill Farm Stoke Road, Blisworth
 Northampton, NN7 3DB, UK
 Tel: +44 1604 857 674 Fax: +44 1604 858 620
 E-mail: sales_uk@clenergy.com www.clenergy.uk.com

Clenergy Japan

SOHO STATION 401, 24-8 Yamashita-cho, Naka-ku
 Yokohama, 231-0023 Japan
 Tel: +81 45 228 8226 Fax: +81 45 228 8316
 E-mail: sales@clenergy.co.jp www.clenergy.jp

Clenergy Malaysia (Regional Office)

Suite 21, E111, Block E, Phileo Damansara, I No 9 Jalan 16/11,
 Off Jalan Damansara, 46350 Petaling Jaya, Selangor, Malaysia
 Tel: +60 3 7493 5186 Fax: +60 3 7493 5100
 E-mail: sales@clenergy.my www.clenergy.my

