

PV-ezRack SolarRoof

Non-penetrative

Reliable, robust roof mounting system with high quality components designed for concealed-fix roof claddings (Klip-lok, Longline).



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Non-penetrative

To achieve and maintain improved watertightness of solar installations on Klip-lok type tin roofs, PV-ezRack SolarRoof has been expanded with a range of non-penetrative brackets. Rigorous testing on real size roofing sheets ensures safety, compliance and structural integrity of the PV-installations. As a result, the Klip-lok type brackets can be used for installing flush to the roof as well as for tiled systems.

Main Benefits

No roof penetration

Watertightness is easily maintained with the SolarRoof clamps for concealed fix roofs, as there's no need for roof penetration. With Clenergy's thorough testing methods, this is made possible without any compromises on safety or structural integrity.

Versatility

The non-penetrative clamps can be used for flush installations as well as for tilting. The two fixing methods for flush mounting include direct mounting** (no rails) and bracket plus L-feet (with rails). For tilted systems, the adjustable tilt legs or SolarTripod can be used directly on the compatible non-penetrative clamps.

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.

10 Year
Warranty*

Commercial

Residential

International Patent
PCT/AU2009/000616

*see Clenergy PV-ezRack warranty for further details

ER-I-09



Klip-lok type clamp

For flush mount as well as tilting, the Klip-lok type clamp has been tested and accredited for concealed-fix cladding types including types KLIP-LOK 406 (Lysaght), KLIP-LOK 700 (Lysaght), Speed Deck Ultra (Stramit), KingKlip (Fielders).

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.

ER-TL-10/15

ER-TL-15/30

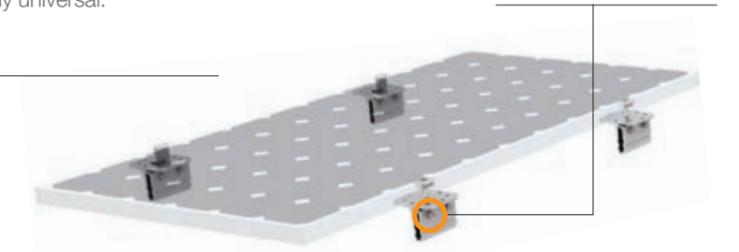
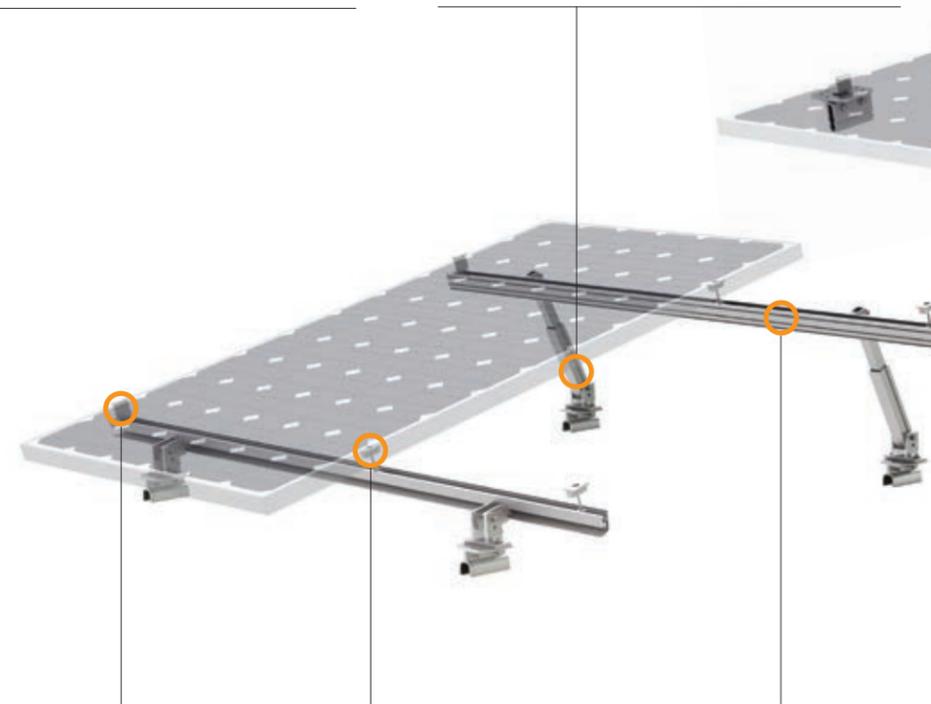
ER-TL-30/60



ER-I-29

Longline clamp

Tested and accredited for LONGLINE 305 concealed-fix cladding for flush mount as well as for tilting with tilt legs or SolarTripod.



ER-I-05



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.

ER-IC-ST



ER-EC-ST



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. The clamps can be bolted directly to the non-penetrative brackets.

ER-R-ST



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.

Available accessories

Grounding/
earthing



Cable clips



Isolator bracket



Rail caps



Materials

AL6005-T5 | SUS304

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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



**10 Year
 Warranty***