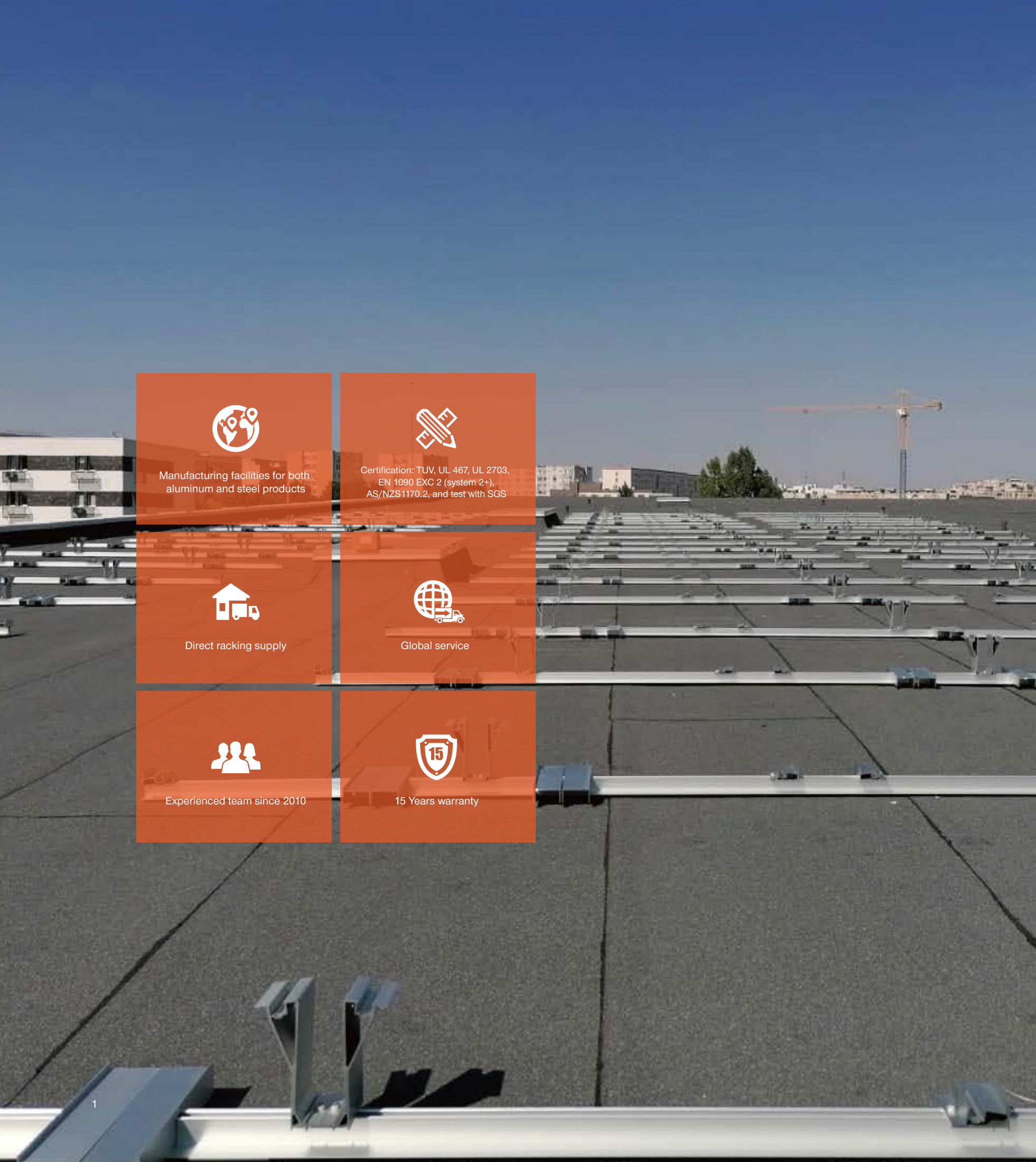




# SOLAR MOUNTING SOLUTIONS

---



Manufacturing facilities for both aluminum and steel products



Certification: TUV, UL 467, UL 2703, EN 1090 EXC 2 (system 2+), AS/NZS1170.2, and test with SGS



Direct racking supply



Global service



Experienced team since 2010



15 Years warranty

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# GLOBAL EXPERTISE PROVEN PERFORMANCE

From the vast hinterlands of Oceania to the bustling metropolises of Asia, from the innovative frontiers of the Americas to the pioneering rooftops of Europe, and across the sun-scorched plains of Africa—Enerack's products have established their presence across six continents. This worldwide footprint demonstrates that our solutions are rigorously field-proven, confirming not only our ability to meet diverse regional requirements and standards but also driving a highly efficient cycle of innovation and intelligent manufacturing. Building on this foundation, we provide mounting solutions that comply with global standards, adapt to local conditions, and accommodate project-specific needs. Through robust products and seamless collaboration, we have become your trusted global partner.





# ABOUT US

## Enerack: Providing a Stable Foundation and Global Compliance for Your PV Projects

### About Us: A Technology-Driven Solar Mounting Specialist

Xiamen Enerack Technology Co., Ltd. is an innovative solar PV mounting system integration company with 18 years of experience in the industry, headquartered in Xiamen, China. We specialize in the full range of solar mounting system integration, including R&D, design, production, sales, and service. We understand that choosing a solar mounting system is not just about choosing a metal component; it's also about choosing long-term security, reliable returns, and global market compliance. As PV experts, our core goal is clear: to provide optimal support with stability, reliability, and cost-effectiveness for residential, industrial, commercial, government, and large-scale power station projects.

### How We Create Value For You

#### Efficient Delivery & Cost Optimization:

We integrate R&D and manufacturing, with a professional team of over 80 people and a modern production base. This vertical integration model enables us to strictly control costs and delivery times, providing you with cost-effective products and efficient, responsive service.

#### Professional Solutions for Complex Environments:

We offer technical solutions covering all major scenarios and are proficient in designing systems for Metal roofs, Tile roofs, Concrete Flat roofs, Green roofs, Ground mounts, and waterproof carports. With extensive project experience, we can help you solve practical installation challenges.

#### Risk Mitigation & Quality Assurance:

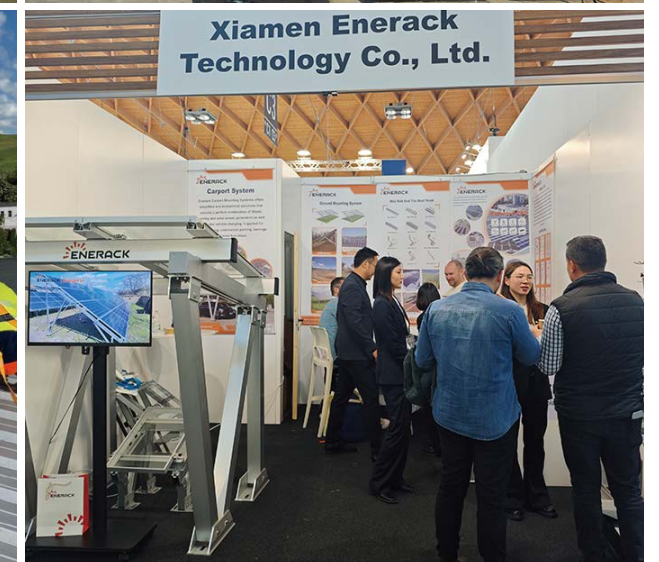
We prioritize quality management through our ISO9001 certification system to eliminate defects. This results in fewer installation issues, lower maintenance costs, and a longer system lifespan, ultimately protecting your investment.

#### Global Compliance: Certification and Standards Are the Bottom Line

International market regulations are complex and ever-changing. We have achieved certifications and standards such as TÜV, UL 467, UL 2703, CE, EN 1090-1:2009+A1:2011, AS/NZS 1170.2, JIS C8955 etc., reducing market entry barriers for you. Our products are tested by organizations like SGS and adhere strictly to these standards from design to production, ensuring easy and compliant installation and certification.

#### Our Vision: Growing Together with You

Enerack's products have been successfully applied in over 80 countries and regions around the world. We are determined to go beyond the role of a supplier and become your strategic partner in expanding into global solar markets. With exceptional products and innovative solutions, we are committed to supporting your business success.







# CERTIFIED FOUNDATION, ASSURED PROMISE

WITH CERTIFICATION AS OUR CORNERSTONE AND WARRANTY AS OUR COMMITMENT, ENERACK IS A TRUSTED PARTNER FOR GLOBAL SOLAR PROJECTS.

Enerack is committed to providing safe and reliable structural solutions for solar projects worldwide. Guided by a life-cycle value approach, we integrate structural safety and engineering compatibility into every stage of product design, supported by a comprehensive quality control system that covers raw materials, manufacturing processes, and performance testing.

Our mounting systems utilize high-strength aluminum alloys and steel, optimized through rigorous testing to deliver exceptional performance. They are designed to adapt to diverse complex terrains and extreme climate conditions, ensuring structural integrity and durability throughout their entire life cycle.

Enerack's products have obtained multiple internationally recognized certifications, meeting the key market access requirements across the Americas, Europe, Australia, and beyond. We confidently offer a 15-year product warranty, backed by independent third-party certifications, to provide solid assurance for our clients' long-term investments:



ISO 9001: 2015 quality management system certified



# Certificate



**CERTIFICATE**  
No. Z2 107999 0002 Rev. 00

Holder of Certificate: **Xiamen Enerack Technology Co., Ltd.**  
203A, No.6 Huli Avenue, Huli District, Xiamen, P.R. China  
Fujian 361006

Certification Mark:

Product: **Photovoltaic (PV) Mounting System**

Parameters:

Tested according to:

Test report no.: 641902514701

Date: 2025-06-04

Page 1 of 1  
TUV SUD Product Service GmbH • Certification Body • Rüdelsloh 55 • 80335 Munich • Germany

**Certificate of Conformity of the Factory Production Control**  
1029 – CPR – CN2900005219

In compliance with Regulation 305/2011(EU) of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction product

Aluminum Structures, described in annex.

placed on the market under the name or trade mark of  
**Xiamen Enerack Technology Co., Ltd.**  
203A, No.6 Huli Avenue, Huli District, Xiamen, P.R. China  
and produced in the manufacturing plant:  
CNIND280358

This certificate attests that the provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standard(s)  
**EN 1090-1:2009+A1:2011**  
under system 2<sup>nd</sup> are applied and that the factory production control is assessed to be in conformity with the applicable requirements

This certificate is valid from 15 December 2023 until 15 October 2026, and remains valid as long as neither the harmonized standard, the AUCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified factory production control certification body.

Issue 2: Certified with SGS since 16 October 2023

Signature: (Allen Guo)

Page 1/2

**Certificate of Compliance**

Certificate Number: E539682

Report Reference: E539882-20250401

Issue Date: 2025-04-01

Issued to:  
**Xiamen Enerack Technology Co., Ltd.**  
203A, No.6 Huli Avenue, Huli District, Xiamen, China  
Xiamen FJ 361006 China

This certificate confirms that representative samples of:  
**MOUNTING SYSTEMS, MOUNTING DEVICES, CLAMPING DEVICES AND GROUND LUGS FOR USE WITH PHOTOVOLTAIC MODULES AND PANELS**  
See Addendum Page for Product Designation(s).

Have been evaluated by UL in accordance with the Standard(s) indicated on this Certificate.

**UL 2703, Mounting Systems, Mounting Devices, Clamping/Retention Devices, and Ground Lugs for Use with Flat-Plate Photovoltaic Modules and Panels.**

Additional Information:  
See UL Product ICB at <https://ul.com/energy> for additional information.

This Certificate of Compliance indicates that representative samples of the product described in the certification report have met the requirements for UL certification. It does not provide authorization to apply the UL Mark. Only the Authorization Page that references the Follow-Up Services Procedure for ongoing surveillance provides authorization to apply the UL Mark.

Only those products bearing the UL Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Certification Mark on the product.

David Pouch  
UL Mark Certification Program Owner

Page 1 of 2

**Certificate of Compliance**

Certificate Number: UL-US-2436592-0

Report Reference: E539717-20240920

Issue Date: 2024-09-23

Issued to:  
**Xiamen Enerack Technology Co., Ltd.**  
203A, No.6 Huli Avenue, Huli District, Xiamen, China  
Fujian 361006 China

This certificate confirms that representative samples of:  
**KDER - Grounding and Bonding Equipment**  
See Addendum Page for Product Designation(s).

Have been evaluated by UL in accordance with the Standard(s) indicated on this Certificate.

**UL 467, Edition 11, Issue Date 2022-04-29**

Additional Information:  
See UL Product ICB at <https://ul.com/energy> for additional information.

This Certificate of Compliance indicates that representative samples of the product described in the certification report have met the requirements for UL certification. It does not provide authorization to apply the UL Mark. Only the Authorization Page that references the Follow-Up Services Procedure for ongoing surveillance provides authorization to apply the UL Mark.

Only those products bearing the UL Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Certification Mark on the product.

David Pouch  
UL Mark Certification Program Owner

Page 1 of 2

**Certificate of Compliance**

Certificate Number: E539682

Report Reference: E539882-20250331

Issue Date: 2025-04-01

Issued to:  
**Xiamen Enerack Technology Co., Ltd.**  
203A, No.6 Huli Avenue, Huli District, Xiamen, China  
Xiamen FJ 361006 China

This certificate confirms that representative samples of:  
**MOUNTING SYSTEMS, MOUNTING DEVICES, CLAMPING DEVICES AND GROUND LUGS FOR USE WITH PHOTOVOLTAIC MODULES AND PANELS**  
See Addendum Page for Product Designation(s).

Have been evaluated by UL in accordance with the Standard(s) indicated on this Certificate.

**UL 2703, Mounting Systems, Mounting Devices, Clamping/Retention Devices, and Ground Lugs for Use with Flat-Plate Photovoltaic Modules and Panels.**

Additional Information:  
See UL Product ICB at <https://ul.com/energy> for additional information.

This Certificate of Compliance indicates that representative samples of the product described in the certification report have met the requirements for UL certification. It does not provide authorization to apply the UL Mark. Only the Authorization Page that references the Follow-Up Services Procedure for ongoing surveillance provides authorization to apply the UL Mark.

Only those products bearing the UL Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Certification Mark on the product.

David Pouch  
UL Mark Certification Program Owner

Page 1 of 2

**Certificate of Structural Conformity (New Zealand)**  
Certificate No.: JD-CERT-NZ-2025/0003

**Certification Statement**  
This is to certify that the following photovoltaic mounting systems, supplied by Xiamen Enerack Technology Co., Ltd., have been structurally assessed and certified by JD Engineering Group Pty Ltd for compliance with the applicable New Zealand Building Code (NZBC) and structural standards:

- Enerack Standard Mounting Series System
- Enerack IP Plus Series System
- Enerack Mini Rail System

**Product Identification**  
Placed on the market under the name or trade mark of:  
**Xiamen Enerack Technology Co., Ltd.**  
203A, No.6 Huli Avenue, Huli District, Xiamen, P.R. China  
Produced in the manufacturing plant:  
JD-CERT-NZ-2025/0003

**Scope of Certification**  
The certification covers the structural adequacy of the above systems under design actions in accordance with:

- AS/NZS 1170.0:2002 – Structural design actions, Part 0: General principles
- AS/NZS 1170.1:2002 – Structural design actions, Part 1: Permanent, imposed and other actions
- AS/NZS 1170.2:2002 – Structural design actions, Part 2: Wind actions
- AS/NZS 1170.3:2002 – Structural design actions, Part 3: Earthquake actions – New Zealand
- AS/NZS 1594.1:1997 – Aluminium structures, Part 1: Limit state design

The scope of this certification is limited to the structural performance of the aluminium mounting systems and does not extend to electrical components, installation workmanship, or non-structural aspects.

**Validity**  
This certificate is valid from 18 September 2025 until 18 September 2028, provided that:

- No significant changes are made to the certified systems, materials, or manufacturing processes.
- Installation is carried out in accordance with the manufacturer's guidelines and relevant building code requirements.

The certificate may be suspended or withdrawn if modifications occur or if non-conformance is identified.

Authorized by:  
JD Engineering Group Pty Ltd  
Principal Structural Engineer  
Midwest Office (NE, NP, NP2, NP3, NP4, NP5)  
JD Engineering Group Pty Ltd  
info@jdcengineer.com.au

**Notes**

- This document is issued exclusively for structural certification purposes in New Zealand.
- Any unauthorised alteration, forgery, or falsification of this document is unlawful.
- JD Engineering Group Pty Ltd accepts no liability beyond the scope of the structural certification as described above.

**Certificate of Conformity of Quality Management System Certification**  
No. 0978924Q5866481E5

This is to certify that the quality system of  
**XIAMEN ENERACK TECHNOLOGY CO., LTD.**  
203A, No.6 Huli Avenue, Huli District, Xiamen, P.R. China  
is in conformity with  
**GB/T 19001-2016/ISO9001:2015 Standard**

The scope of this certification is limited to the quality management system of the company and its subsidiaries.

Date of issue: 2024.03.07

Term of validity of the certificate from 2024.03.07 to 2027.03.06 inclusive

This certificate remains valid only if the certified organization accepts and passes regular surveillance audits.

Signature: (Representative of the Company)

Page 1 of 2

**Certificate**  
Form QA7\_10-A05, version 03, effective since June 1<sup>st</sup>, 2022

No. 0P240330.XETUC085

Test Report / Technical Construction File no. MD-TCF-240330-51202

Certificate's Holder: **Xiamen Enerack Technology Co., Ltd.**  
203A, No.6 Huli Avenue, Huli District, Xiamen, China

Certification ECM Mark:

Product: **Balasted-UL East-West Integrated Rear Leg**  
Model(s): **ERK-BIR-10, ERK-BIR-15**

Verification to: **Standard: EN ISO 12100:2010**  
related to CE Directive(s): **2006/42/EC (Machinery)**

Remark: The manufacturer has voluntarily decided to submit its documents concerning the above-mentioned product for verification. Ente Certificazione Macchine confirms that the documentation made available and immediately returned to it, as containing sensitive data, meets the essential requirements of the above-mentioned directive/standard. The verification activity carried out exclusively concerned the technical documentation and no verification was carried out on the product. This document cannot replace the EC Declaration of Conformity. This document was issued in accordance with regulation RGV001 published on the website of [www.entececm.it](http://www.entececm.it) and concerning voluntary certifications with a non-notified procedure.

Issuance date: 30 March 2024  
Expiry date: 29 March 2029

For online check: [www.entececm.it](https://www.entececm.it)

Approver: Ente Certificazione Macchine  
Legal Representative  
Luca Baldoni

Ente Certificazione Macchine Srl  
Via Ca' Bella, 243 - Loc. Castello di Serravalle - 40053 Valsamoggia (BO) - ITALY  
☎ +39 051 6705141 ☎ +39 051 6705156 ✉ info@entececm.it 🌐 www.entececm.it

**Certificate**  
Form QA7\_10-A05, version 03, effective since June 1<sup>st</sup>, 2022

No. 0P231025.XETUCW76

Test Report / Technical Construction File no. MD-TCF-231020-51687

Certificate's Holder: **Xiamen Enerack Technology Co., Ltd.**  
203A, No.6 Huli Avenue, Huli District, Xiamen, China

Certification ECM Mark:

Product: **Enerack Standing Seam Clamp**  
Model(s): **ERK-TRB-C05**

Verification to: **Standard: EN ISO 12100:2010**  
related to CE Directive(s): **2006/42/EC (Machinery)**

Remark: The manufacturer has voluntarily decided to submit its documents concerning the above-mentioned product for verification. Ente Certificazione Macchine confirms that the documentation made available and immediately returned to it, as containing sensitive data, meets the essential requirements of the above-mentioned directive/standard. The verification activity carried out exclusively concerned the technical documentation and no verification was carried out on the product. This document cannot replace the EC Declaration of Conformity. This document was issued in accordance with regulation RGV001 published on the website of [www.entececm.it](http://www.entececm.it) and concerning voluntary certifications with a non-notified procedure.

Issuance date: 25 October 2023  
Expiry date: 24 October 2028

For online check: [www.entececm.it](https://www.entececm.it)

Approver: Ente Certificazione Macchine  
Legal Representative  
Luca Baldoni

Ente Certificazione Macchine Srl  
Via Ca' Bella, 243 - Loc. Castello di Serravalle - 40053 Valsamoggia (BO) - ITALY  
☎ +39 051 6705141 ☎ +39 051 6705156 ✉ info@entececm.it 🌐 www.entececm.it

**Certificate of Compliance**  
Form QA7\_10-A05, version 03, effective since March 29<sup>th</sup>, 2020

No. 0P211227.XETU14

Test Report / Technical Construction File no. TCF-211224-50583

Certificate's Holder: **Xiamen Enerack Technology Co., Ltd.**  
203A, No.6 Huli Avenue, Huli District, Xiamen, China

Certification ECM Mark:

Product: **Enerack Carport Mounting System**  
Model(s): **ERK-WPC**

Verification to: **Standard: EN 1090-1:2009+A1:2011**  
related to Regulation (EU): **8 305/2011 (Regulation for the Marketing of Construction Products)**

Remark: This document has been issued on a voluntary basis and upon request of the manufacturer. It is our opinion that the technical documentation received from the manufacturer is satisfactory for the requirements of the ECM Certification Mark. The conformity mark above can be affixed to the products according to the ECM regulation about its release and its use.

Additional information and clarification about the Marking:  
The manufacturer is responsible for the CE Marking process, and if necessary, must refer to a Notified Body. This document has been issued on the basis of the regulation on ECM Voluntary Mark for the certification of products (FSO) (FSO) ver.3 available at: [www.entececm.it](http://www.entececm.it)

Issuance date: 27 December 2021  
Expiry date: 24 December 2026

For online check: [www.entececm.it](https://www.entececm.it)

Approver: Ente Certificazione Macchine  
Legal Representative  
Luca Baldoni

Ente Certificazione Macchine Srl  
Via Ca' Bella, 243 - Loc. Castello di Serravalle - 40053 Valsamoggia (BO) - ITALY  
☎ +39 051 6705141 ☎ +39 051 6705156 ✉ info@entececm.it 🌐 www.entececm.it





East & West Ballasted PRO-Romania



Pole Mount-Australia



Carport Mount-Bulgaria



East & West Ballasted PRO-Switzerland



Ground Mount-Thailand



Ground Mount-Romania





East & West Ballasted PRO-Croatia



Tile Roof Mount-Slovenia



Metal Roof Mount-New Zealand



Metal Roof & Carport Mount-Philippines



Ballasted PRO-Latvia

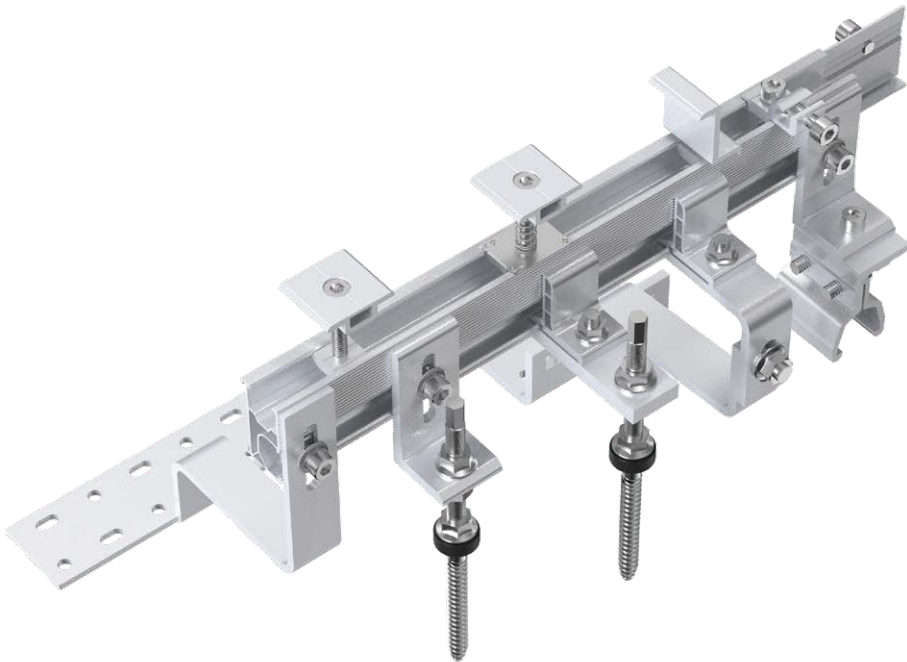


Tile Roof Mount-Hungary



# Rail & Accessories

According to different markets, different customer requirements, as well as the project budget, we design and produce various types of rails and accessories to meet the customer's projects need. Each product is subjected to rigorous strength calculation, SGS testing, TUV, CE, and AS/NZS1170.2 certifications.



1

Item No.	ERK-R52
Description	Enerack 52mm Rail



2

Item No.	ERK-R52L
Description	Enerack 52mm L Rail



Item No.	ERK-R26
Description	Enerack 26mm Rail



4

Item No.	ERK-R29
Description	Enerack 29mm Rail



5

Item No.	ERK-R41-2
Description	Enerack 41mm Rail for Ballasted Mounting



6

Item No.	ERK-R42
Description	Enerack 42mm Rail



7

Item No.	ERK-R43
Description	Enerack 43mm Rail



8

Item No.	ERK-R46
Description	Enerack 46mm Rail



9

Item No.	ERK-R50
Description	Enerack 50mm Rail



10

Item No.	ERK-R60
Description	Enerack 60mm Rail





# Rail & Accessories



11	Item No. Description	ERK-R62 Enerack 62mm Rail	12	Item No. Description	ERK-R62C Enerack 62mm C Rail		Item No. Description	ERK-FEC-3540 35 & 40mm Exchange End Clamp Kit	19	Item No. Description	ERK-AIC Universal Adjustable (30-40mm) Inner Clamp Kit	20
												
13	Item No. Description	ERK-R65 Enerack 65mm Rail	14	Item No. Description	ERK-R70 Enerack 70mm Rail		Item No. Description	ERK-EIC Universal Adjustable (30-40mm) Inner Clamp Kit (Include Spring & Earthing Clip)	21	Item No. Description	ERK-RCC Standard Rail Clamp with the Carriage Bolt	22
												
15	Item No. Description	ERK-SFR-01 Splice for Rail Kit 01	16	Item No. Description	ERK-SFR-02 Splice for Rail Kit 02		Item No. Description	ERK-RCN Standard Rail Clamp with ERK Nuts Kit	23	Item No. Description	ERK-RCB Standard Rail Clamp with T-Bolt Kit	24
												
17	Item No. Description	ERK-SFR-06 Inner Splice for Rail Kit 06	18	Item No. Description	ERK-FEC-3035 30 & 35mm Exchange End Clamp Kit		Item No. Description	ERK-FEC General End Clamp Kit	25	Item No. Description	ERK-FCL General End Clamp Kit L=60mm	26
												



# Rail & Accessories




27

Item No.

Description

ERK-EMC  
Universal Adjustable (27.5-40mm)  
Mid Clamp Kit




28

Item No.

Description

ERK-NEC  
Universal Adjustable (27.5-35mm)  
End Clamp Kit




35

Item No.

Description

ERK-TIC  
Thin Film Double-glazed  
Module Inner Clamp Kit




36

Item No.

Description

ERK-TEC  
Thin Film Double-glazed  
Module End Clamp Kit




29

Item No.

Description

ERK-ACL  
Universal Adjustable (30-40mm)  
Inner Clamp Kit L=60mm




30

Item No.

Description

ERK-ECL  
Universal Adjustable (30-40mm)  
Inner Clamp Kit (Include Spring  
& Earthing Clip) L=60mm




37

Item No.

Description

ERK-REL-A  
Standard Rail Earthing  
Plate Type A




38

Item No.

Description

ERK-REL-B  
Standard Rail Earthing  
Plate Type B

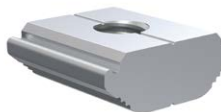


31

Item No.

Description

ERK-NUT  
ERK Nuts




32

Item No.

Description

ERK-PWC  
Solar Panel Water Drainage Clips




39

Item No.

Description

ERK-NBW  
ERK Nuts Assembly with Bolt  
and Washer Kit




40

Item No.

Description

ERK-TBK  
T-Bolt Kit




33

Item No.

Description

ERK-REC  
ERK-R52 Rail & ERK-R52L  
Rail End Cover Cap




34

Item No.

Description

ERK-R42B  
Enerack 42mm B Rail




41

Item No.

Description

ERK-ELG-02  
Earthing Lug Kit 02




42

Item No.

Description









ERK-ELG-03  
Earthing Lug Kit 03





# Rail & Accessories



43	Item No. Description	ERK-ELG-05 Earthing lug kit 05 for 8mm cable	44	Item No. Description	ERK-CCP-01 Cable Clip for PV Panels for Holding 3 Cables
					
45	Item No. Description	ERK-CCP-02 Cable Clip for PV Panels for Holding 2 Cables	46	Item No. Description	ERK-CCP-03 Cable Clip for PV Panels for Holding 3 Cables
					
47	Item No. Description	ERK-CCP-04 Cable Clip for PV Panels for Holding 2 Cables	48	Item No. Description	ERK-CCP-05 Cable Clip for PV Panels for Holding 4 Cables
					
49	Item No. Description	ERK-CCP-06 Cable Clip for PV Panels for Holding 3 Cables	50	Item No. Description	ERK-CCP-07 90° Cable Clip for PV Panels for Holding 2 Cables
					



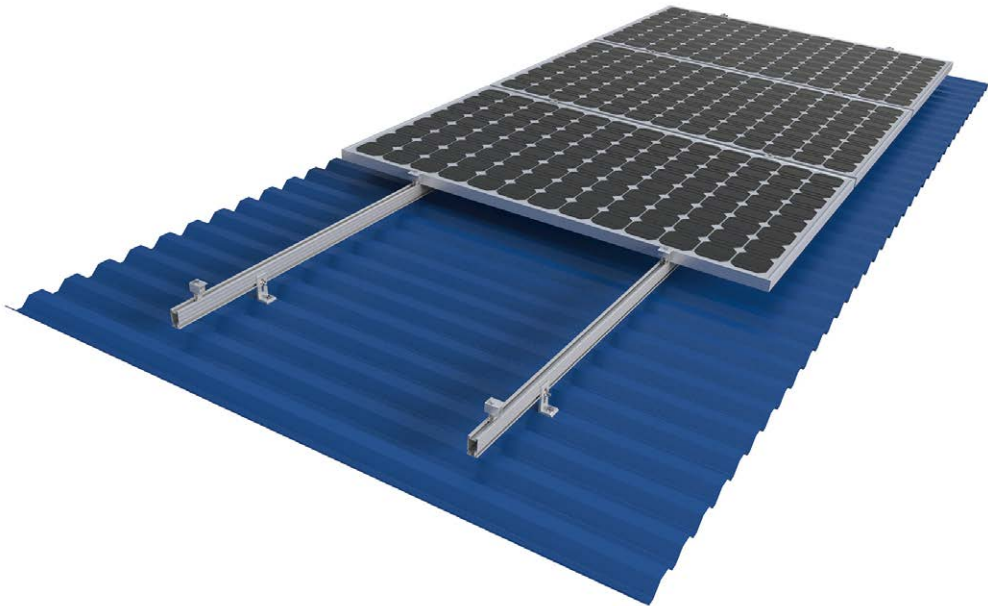
# Metal Roof Attachment

Enerack Tin roof systems divided into two fixing methods:

1. Drilling solutions, like bracket L-feet, hanger bolt, T type hook etc.
2. Standing seam clamp, direct mounting, no damage to the roof.

A design that includes major specifications saves you inventory cost, quick and easy to install. Innovative design of rail connect base-support can effectively increase the product strength, ensure the safety of the product use. Enerack have a large variety of tin roof brackets for customers' choice Customization allowed according to customers' need to meet special installation requirements.

Technical features:	
Product name	Metal roof mounting system
Application	Metal roof
Inclination	Parallel to the roof
Material	AL 6005-T5, SUS 304, EPDM
Finish	AL 6005-T5 Anodized, SUS 304 Shot blasting
Module orientation	Landscape or Portrait



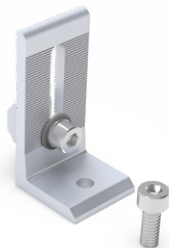
Item No.  
Description

ERK-TRB-D01  
L Feet for Corrugated or  
Trapezoidal Sheet Metal



Item No.  
Description

ERK-TRB-D01-01  
L Feet for Standing Seam Clamp



Item No.  
Description

ERK-TRB-D03  
Hanger Bolt L Feet for Corrugated  
Fibre Cement, Corrugated or  
Trapezoidal Sheet Metal  
(M10×180, M10×200, M10×250, M10×300)



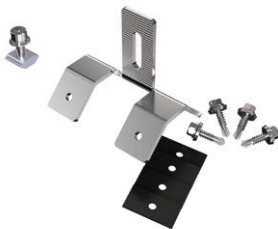
Item No.  
Description

ERK-TRB-D05  
Hanger Bolt for Corrugated Fibre Cement,  
Corrugated or Trapezoidal Sheet Metal  
(M10×180, M10×200, M10×250, M10×300)



Item No.  
Description

ERK-TRB-D06  
6# Tin Roof Hook for  
Trapezoidal Sheet Metal



Item No.  
Description

ERK-TRB-D07  
7# Tin Roof Hook for  
Trapezoidal Sheet Metal



Item No.  
Description

ERK-TRB-D08  
8# Tin Roof Hook for  
Trapezoidal Sheet Metal



Item No.  
Description







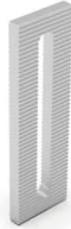









ERK-TRB-D09  
Asphalt Shingles Interface





# Metal Roof Attachment



9	Item No. Description	ERK-TRB-D10 26mm Mini Rail for Corrugated or Trapezoidal Sheet Metal	10	Item No. Description	ERK-TRB-D11 29mm U Type Rail for Corrugated or Trapezoidal Sheet Metal	17	Item No. Description	ERK-TRB-D25 Offset Hole L Feet for Corrugated or Trapezoidal Sheet Metal	18	Item No. Description	ERK-TRB-D26 Hanger Bolt Offset Hole L Feet for Corrugated Fibre Cement, Corrugated or Trapezoidal Sheet Metal (M10×180, M10×200, M10×250, M10×300)
											
11	Item No. Description	ERK-TRB-D13 60mm Mini Rail for Corrugated or Trapezoidal Sheet Metal	12	Item No. Description	ERK-TRB-D14 46mm Mini Rail for Corrugated or Trapezoidal Sheet Metal	19	Item No. Description	ERK-TRB-D27 Height adjust plate for L feet	20	Item No. Description	ERK-TRB-D28 70mm Mini Rail for Corrugated or Trapezoidal Sheet Metal
											
13	Item No. Description	ERK-TRB-D18 18# Tin Roof Hook for Trapezoidal Sheet Metal	14	Item No. Description	ERK-TRB-D20 65mm Mini Rail for Corrugated or Trapezoidal Sheet Metal	21	Item No. Description	ERK-TRB-D29 115mm T feet for Corrugated or Trapezoidal Sheet Metal	22	Item No. Description	ERK-TRB-D30 50mm U Type Rail for Corrugated or Trapezoidal Sheet Metal
											
15	Item No. Description	ERK-TRB-D21 21# Tin Roof Hook for Trapezoidal Sheet Metal	16	Item No. Description	ERK-TRB-D22 142mm L Feet for Trapezoidal Sheet Metal	23	Item No. Description	ERK-TRB-D31 165mm L Feet for Corrugated or Trapezoidal Sheet Metal	24	Item No. Description	ERK-TRB-D32 152mm L Feet for Trapezoidal Sheet Metal
											



# Metal Roof Attachment



25 Item No. ERK-TRB-D33  
Description 120mm Two Holes L Feet for Corrugated or Trapezoidal Sheet Metal



26 Item No. ERK-TRB-D34  
Description Trapezoidal Sheet Metal Base



Item No. ERK-TRB-C01  
Description Klip Lok 406 & 700 Interface



30

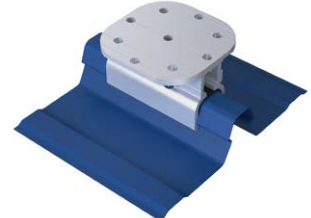
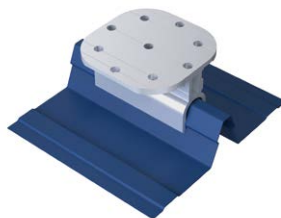
27 Item No. ERK-TRB-D35  
Description Corrugated Sheet Metal Base



28 Item No. ERK-TRB-D37  
Description L Feet Adapter for Corrugated Sheet Metal



Item No. ERK-TRB-C02  
Description Klip Lok 406 & 700 Interface

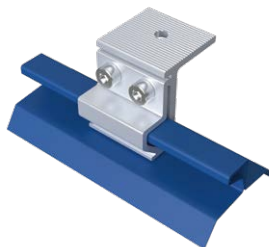


31

29 Item No. ERK-FTH  
Description Flat Rooftop Thermal and Hydro Insulation

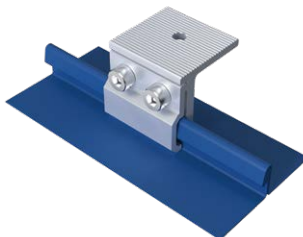


Item No. ERK-TRB-C04  
Description Standing Seam Clamp



32

Item No. ERK-TRB-C05  
Description Standing Seam Clamp



33



# Metal Roof Attachment



34 Item No. ERK-TRB-C06  
Description Standing Seam Clamp



Item No. ERK-TRB-C15  
Description Metdek 500 Interface



35 Item No. ERK-TRB-C10  
Description Stainless Steel Tin Interface Bracket



Item No. ERK-TRB-C16  
Description RiverClack Roofing Profile



36 Item No. ERK-TRB-C13  
Description Lysaght Klip-lok Interface



Item No. ERK-TRB-C20  
Description Lysaght Klip-lok 406 Interface



37 Item No. ERK-TRB-C14  
Description Metdek 855 Dimondek 630 Interface



Item No. ERK-TRB-C21  
Description Kalzip Standing Seam Clamp.





# Metal Roof Attachment



42	Item No. Description	ERK-TRB-C22 KR-18 Metal Roof Standing Seam Clamp.	Item No. Description	ERK-TRB-C26 WeatherClip II 700 Interface	46
43	Item No. Description	ERK-TRB-C23 Klip Lok 700 Interface	Item No. Description	ERK-TRB-C27 Klip Lok 700 Interface	47
44	Item No. Description	ERK-TRB-C24 Standing Seam Clamp	Item No. Description	ERK-TRB-C29 Lysaght Klip-lok 406 Interface	48
45	Item No. Description	ERK-TRB-C25 Klip Lok 700 Interface	Item No. Description	ERK-TRB-C30 WeatherClip II 700 Interface	49



# Metal Roof Attachment



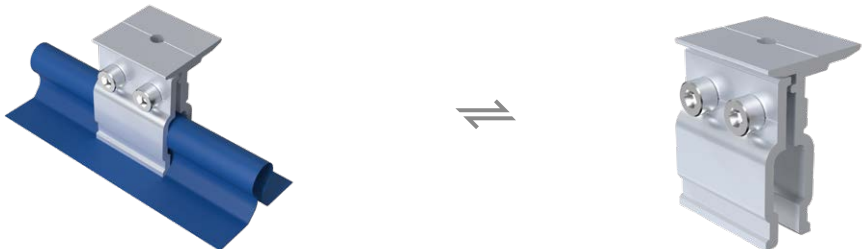
50 Item No. ERK-TRB-C32  
Description Valio Metal Sheet Roof Interface



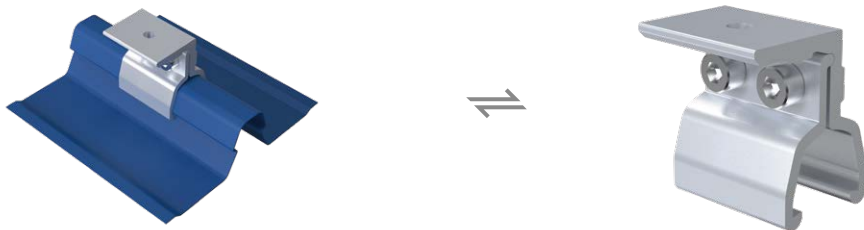
Item No. ERK-TRB-C38  
Description Lysaght Klip-lok 700 Interface



51 Item No. ERK-TRB-C33  
Description Standing Seam Clamp



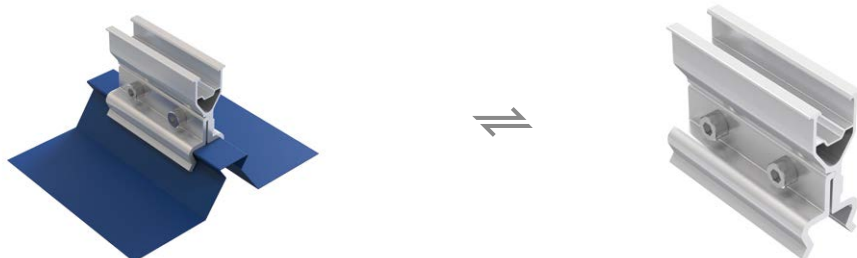
Item No. ERK-TRB-C39  
Description Lysaght Klip-lok 700 Interface



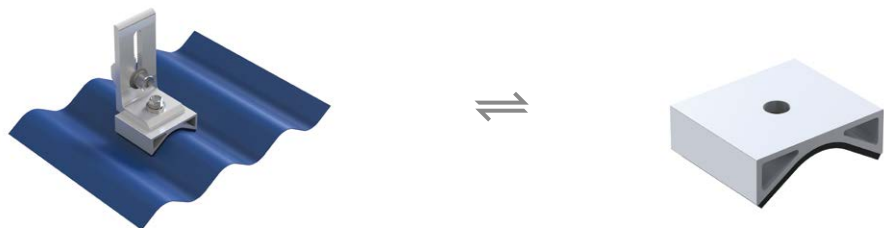
52 Item No. ERK-TRB-C36  
Description Standing Seam Clamp



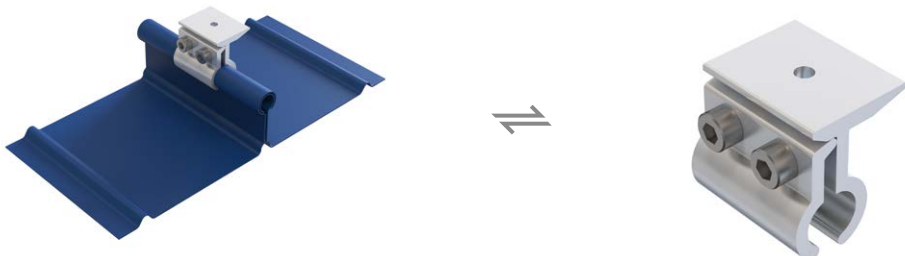
Item No. ERK-TRB-C49  
Description UNI-ENERGY Sandwich Roof Standing Seam Clamp



53 Item No. ERK-TRB-D37  
Description L Feet Adapter for Corrugated Sheet Metal



Item No. ERK-TRB-C52  
Description Kalzip Standing Seam Clamp





# Tile Roof Attachment

Enerack has many types of tile roof hooks, suitable for most roof types of tile, flat tile, slate tile, asphalt shingle tile.









A design that includes major specifications saves you inventory cost, quick and easy to install. Innovative design of rail connect base-support can effectively increase the product strength, ensure the safety of the product use.

Enerack has a large variety of roof hooks provide customers options.

Customization allowed according to customers' need to meet special installation requirements.

Technical features:	
Product name	Tile roof mounting system
Application	Tile roof, Flat tile roof, Slate roof
Inclination	Parallel to the roof
Material	AL 6005-T5, SUS 304
Finish	AL 6005-T5 Anodized, SUS 304 Shot blasting
Module orientation	Landscape or Portrait



Item No. Description		1	Item No. Description		2
ERK-TRH-T01 Tile Roof Hook			ERK-TRH-T02 Tile Roof Hook		
Item No. Description		3	Item No. Description		4
ERK-TRH-T03 Tile Roof Hook			ERK-TRH-T04 Tile Roof Hook for Holding 3 Cables		
Item No. Description		5	Item No. Description		6
ERK-TRH-T05 Tile Roof Hook			ERK-TRH-T06 Tile Roof Hook		
Item No. Description		7	Item No. Description		8
ERK-TRH-T07 Tile Roof Hook			ERK-TRH-T08 Tile Roof Hook		



# Tile Roof Attachment




9

Item No.

Description

ERK-TRH-T09

Tile Roof Hook




10

Item No.

Description

ERK-TRH-T10

Tile Roof Hook




11

Item No.

Description

ERK-TRH-T11

Tile Roof Hook




12

Item No.

Description

ERK-TRH-T12

Tile Roof Hook




13

Item No.

Description

ERK-TRH-T13

Tile Roof Hook




14

Item No.

Description

ERK-TRH-T14

Tile Roof Hook




15

Item No.

Description

ERK-TRH-T15

Tile Roof Hook




16

Item No.

Description

ERK-TRH-T16

Tile Roof Hook




17

Item No.

Description

ERK-TRH-F01

Flat Tile Roof Hook




19

Item No.

Description

ERK-TRH-F03

Flat Tile Roof Hook




21

Item No.

Description

ERK-TRH-F05

Flat Tile Roof Hook




23

Item No.

Description

ERK-TRH-F07

Flat Tile Roof Hook




18

Item No.

Description

ERK-TRH-F02

Flat Tile Roof Hook




20

Item No.

Description

ERK-TRH-F04

Flat Tile Roof Hook




22

Item No.

Description

ERK-TRH-F06

Flat Tile Roof Hook




24

Item No.

Description

ERK-TRH-S01

Slate Roof Hook






# Tile Roof Attachment



25

Item No. Description	ERK-TRH-S02 Slate Roof Hook
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26

Item No. Description	ERK-TRH-S04 Slate Roof Hook
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33

Item No. Description	ERK-TRH-T24 Tile Roof Hook
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34

Item No. Description	ERK-TRH-T26 Tile Roof Hook
-------------------------	-------------------------------




27

Item No. Description	ERK-TRH-S05 Slate Roof Hook
-------------------------	--------------------------------




28

Item No. Description	ERK-TRH-T17 Tile Roof Hook
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35

Item No. Description	ERK-TRH-T27 Tile Roof Hook
-------------------------	-------------------------------




36

Item No. Description	ERK-TRH-T28 Tile Roof Hook
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29

Item No. Description	ERK-TRH-T18 Tile Roof Hook
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30

Item No. Description	ERK-TRH-T19 Tile Roof Hook
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37

Item No. Description	ERK-TRH-T29 Adjustable Tile Roof Aluminum Hook
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31

Item No. Description	ERK-TRH-T20(t=6mm) Tile Roof Hook
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32

Item No. Description	ERK-TRH-T22 Tile Roof Hook
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# U Plus Series

U Plus series is the new pitched roofs products of Enerack.

- 1.Use the U type rail and Aluminum clamps combination make installation easier and faster than traditional installation methods,saving more time for installer;
- 2.Hidden rail connection will be more beautiful and integrated,completely avoiding mutual interference with mid clamp;
- 3.The U type design of R43 rail can store cables inside the U type rail,making it more neatly and beautiful;
- 4.U Plus series can be fully compatible with the existing standard products of Enerack,so for this not need to worry;
- 5.We offer two colors silver and black oxidation for your choose.

Technical features:

Product name	U plus series
Application	Pitched roof
Inclination	Parallel to the roof
Material	AL 6005-T5, SUS 304
Finish	Al6005-T5 Anodized,SUS304 Shot Blasting
Module orientation	Landscape or Portrait

Assembly



## Assembly



ERK-R43



ERK-SFR-05



ERK-EIC



ERK-FEC



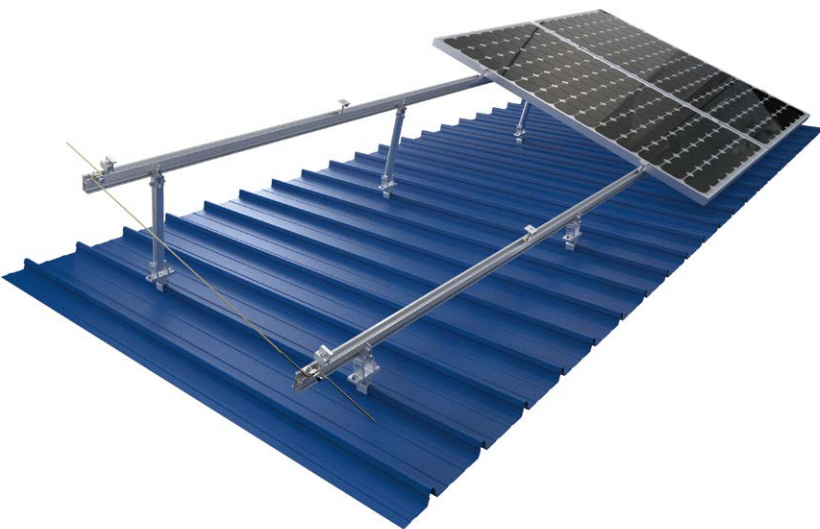
ERK-URC  
(Suitable for horizontal fixed hooks such as D03 and T16)



ERK-UAC  
(Suitable for vertical fixed hooks such as D01 and T01)



# Tilt Mounting



Enerack adjustable tilt system is used for metal roof concrete roof. Fixed or adjustable angles as 10-15 deg, 15-30 deg and 30-60 degree are for your option to maximize energy production. All Products pre-assembled before shipment, to make the installation easy and quick. Unique design of inner and outer tube with adjustable joints, makes structure stronger, different from the same type products on the market today, and widely compatible with standing seam clamp.

Technical features:	
Product name	Adjustable tilt mounting system
Application	Flat concrete roof, metal roof
Inclination	10-15°, 15-30°, 30-60° or customized
Material	AL 6005-T5, SUS 304, EPDM
Finish	AL 6005-T5 Anodized
Module orientation	Landscape or Portrait

## 1 Assembly

Item No.  
Description

ERK-AFL  
Adjustable Front Leg



Item No.  
Description

ERK-FEC  
General End Clamp Kit



Item No.  
Description

ERK-EIC  
Universal Adjustable (30-40mm)  
Inner Clamp Kit (Include Spring  
& Earthing Clip)



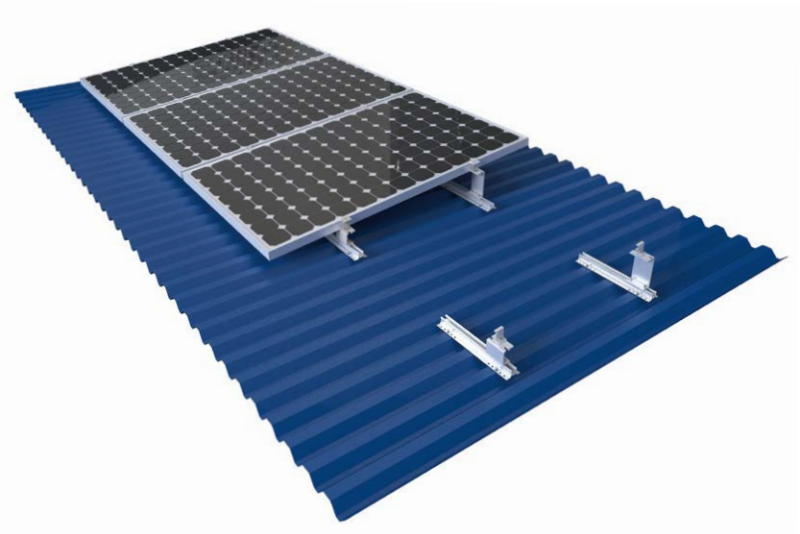
Item No.  
Description

ERK-ARL-1015  
ERK-ARL-1530  
ERK-ARL-3060

Description

10-15° Adjustable Rear Leg  
15-30° Adjustable Rear Leg  
30-60° Adjustable Rear Leg





Mini Rail with 5 degree support base, lift up the height of the solar panel to achieve cooling conditions, thus maximizing power generation. Simple design, easy to install, with good price.

Technical features:	
Product name	Mini Rail Support mounting system
Application	Metal roof
Inclination	5°, 10°
Material	AL 6005-T5, SUS 304
Finish	AL 6005-T5 Anodized
Module orientation	Portrait


Item No. Description	ERK-MFS-5 Mini Rail 5° Support Front Leg	Item No. Description	ERK-MRS-5 Mini Rail 5° Support Rear Leg	Item No. Description	ERK-MFS-10 Mini Rail 10° Support Front Leg
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## 1 Assembly


Item No.  
Description

ERK-FEC-BS  
General End Clamp Kit




Item No.  
Description

ERK-AIC-BS  
Universal Adjustable  
(30-40mm) Inner Clamp Kit




Item No.  
Description

ERK-TRB-D10  
26mm Mini Rail for Corrugated  
or Trapezoidal Sheet Metal



Item No.  
Description

ERK-MRS-10  
Mini Rail 10° Support Rear Leg



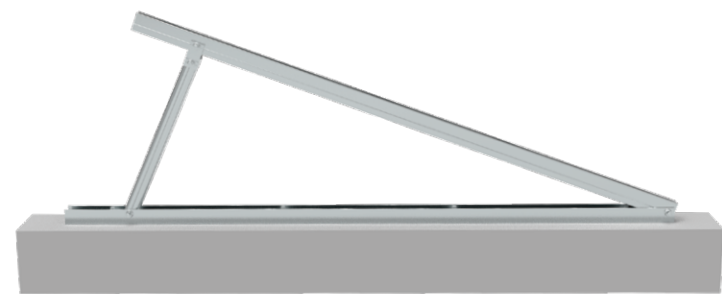


# Tilt Mounting



Enerack Tripod system is used for metal roof concrete roof, you can adjust angles as 10-15deg, 15-30deg and 30-60deg options to maximize energy production. All Products pre-assembled before shipment, to make the installation easy and quick for saving your labor cost and time. Customized angle allowed according to customers' need to meet special installation requirements.

Technical features:	
Product name	Tripod mounting system
Application	Flat concrete roof, metal roof, open terrain
Inclination	Customized
Material	AL 6005-T5, SUS 304
Finish	AL 6005-T5 Anodized
Module orientation	Landscape or Portrait



## 1 Assembly

- Item No.  
Description

ERK-FTP  
The Fixing Angle Tripod
- Item No.  
Description

ERK-ATP  
The Adjustable Angle Tripod
- Item No.  
Description

ERK-R52  
Enerack 52mm Rail
- Item No.  
Description

ERK-EIC  
Universal Adjustable (30-40mm)  
Inner Clamp Kit (Include Spring  
& Earthing Clip)
- Item No.  
Description

ERK-FEC  
General End Clamp Kit

Enerack Tripod systems have fixed angle and adjustable angle design for options.



1.Fixed Angle Tripod system(ERK-FTP-X): According to customers' need ,we customize different sizes and angles to make a fast, easy and lower cost installation, this is Suitable for installation at known building angle.



2.Adjustable Angel Tripod (ERK-ATP-X): According to the site need to adjust the tripod angle for installation demand. It is suitable for multi-angle installation projects.

## 2 Assembly

- Beam
- U Base
- 32-32 AL Tube

## 3 Assembly

- Beam
- U Base
- 32-32 AL Tube
- 27-27 AL Tube



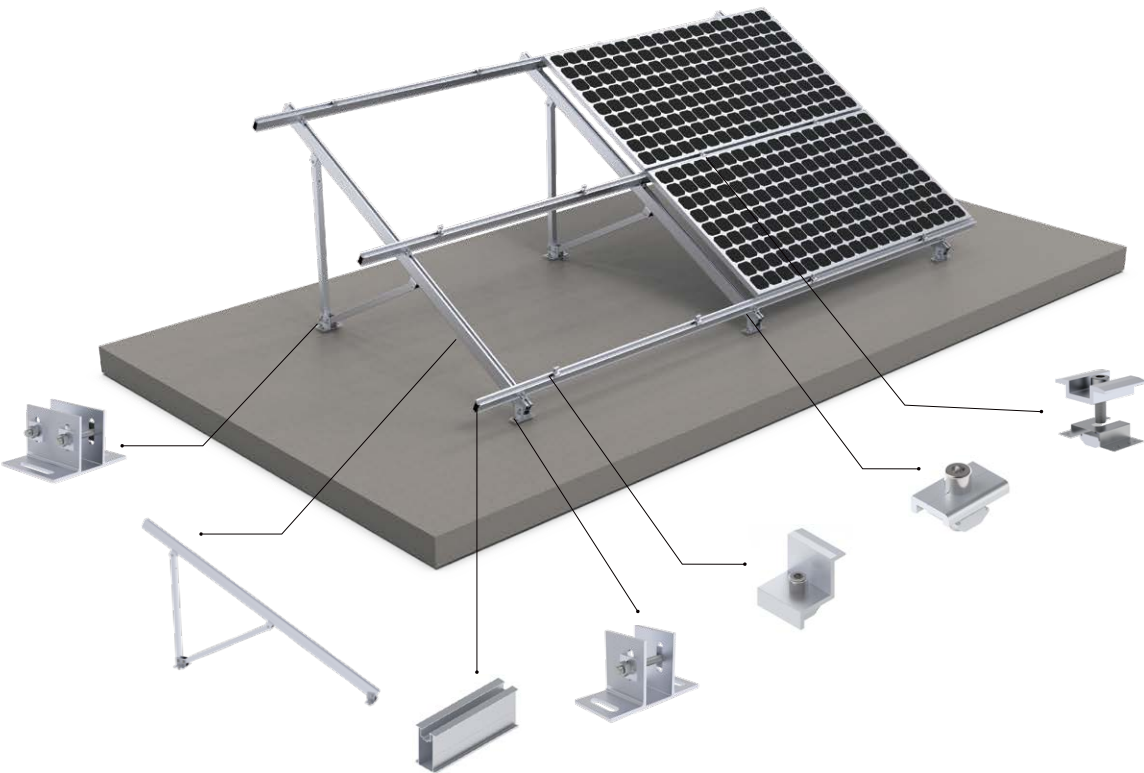
# Maxi Tripod System

Large tripod Strong wind and snow resistance, simple and convenient installation, can be installed on the cement flat roof and the ground. Different angles can be designed to meet the sunshine requirements of different regions.

Technical features:

Product name	Maxi tripod mounting system
Application	Flat concrete roof, open terrain
Inclination	Customized
Material	AL 6005-T5, SUS 304
Finish	Anodized
Module orientation	Landscape or Portrait

Assembly



## Assembly



ERK-MTP



ERK-GRC



ERK-R80



ERK-SFR-R80



ERK-GIC



ERK-GEC



ERK-GEL



ERK-ELG



ERK-GB2-01



ERK-GB2-02



# Ballasted-PRO Mounting



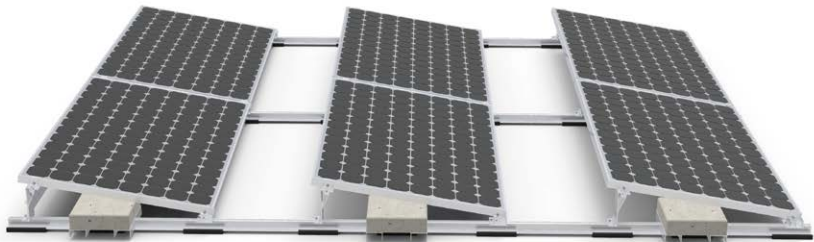
## 10 or 15 Degree dual tilt

- Maximal area utilized
- Maximal PV quantity installed
- Enerack E-W 10 or 15 is for solar installed on a flat roof, for maximized roof space utilized, and PV quantity installed.
- All parts are made of extruded aluminum, with stainless steel 304 fasteners
- EPDM foam tape is installed at the bottom of the system, separated the roof and system.
- EPDM foam tape provides better friction, and compensates for the height difference when the roof is uneven.

Technical features:	
Product name	E-W 10 or 15
Application	Flat roof
Tilt	10°or 15°
System Material	extruded aluminum profile 6005 T5
Fastener material	Stainelss steel 304
Finish	Anodized
Module orientation	Landscape



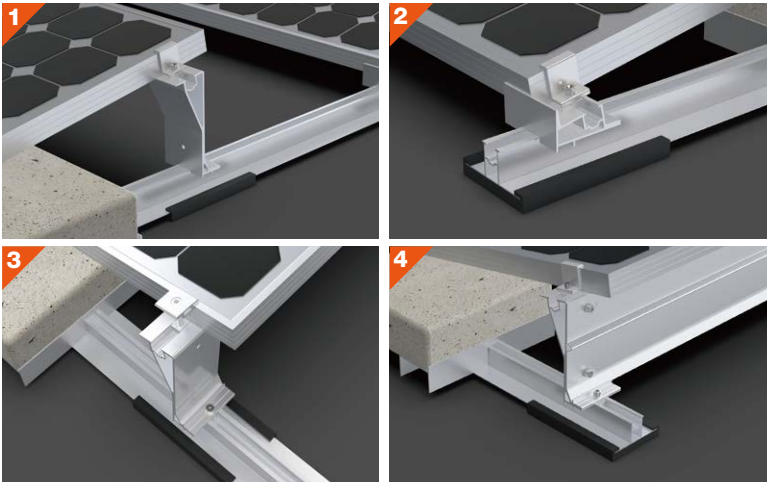
## 1 Assembly



## 10 or 15 Degree tilt

- Better panel output
- The Enerack S Ballast is for solar PV to be fast and easily installed on a flat roof with 10 or 15 tilt degree inclination.All parts are made of extruded aluminum, with stainless steel 304 fasteners
- EPDM foam tape is installed at the bottom of the system, separated the roof and system.
- EPDM foam tape provides better friction and compensates for the height difference when the roof is uneven.

Technical features:	
Product name	S 10 or 15
Application	Flat roof
Tilt	10°or 15°
System Material	extruded aluminum profile 6005 T5
Fastener material	Stainelss steel 304
Finish	Anodized
Module orientation	Landscape



## 2 Assembly





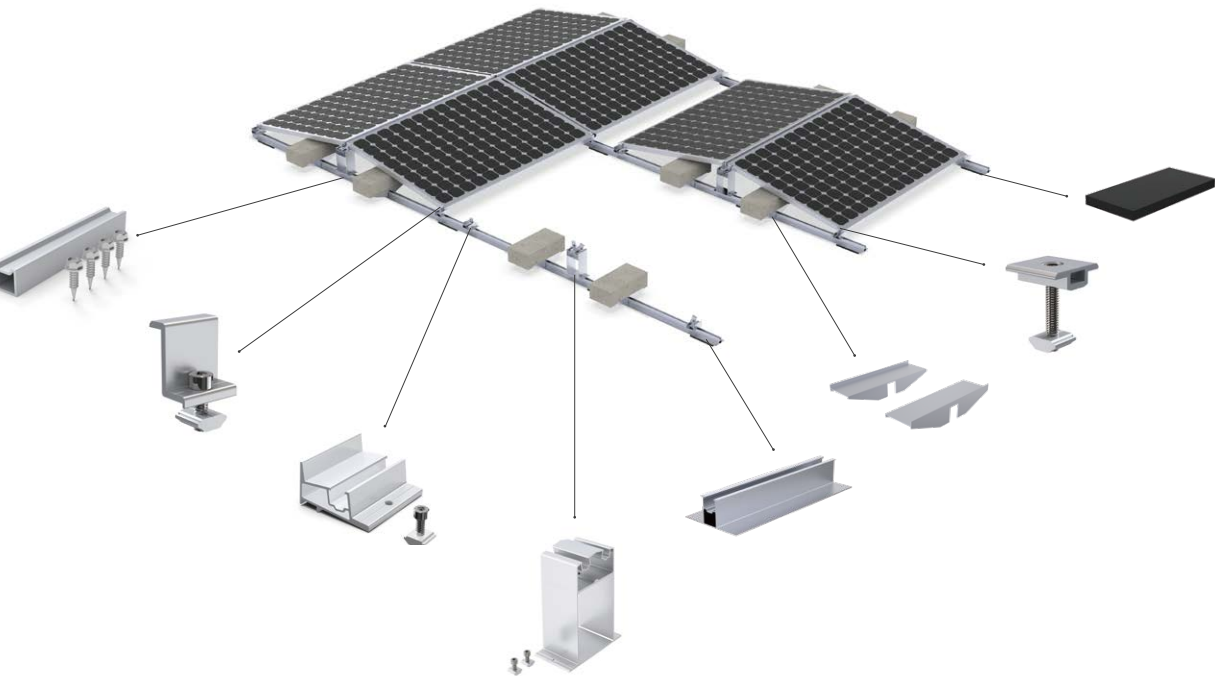
# Ballasted-Pro East-West Integrated Rear Leg

Ballasted - Pro East-West integrated rear leg is suitable for the east - west installation of Ballasted - Pro Systems, enriching the product line of Ballasted - Pro Systems.

Ballasted - Pro East-West integrated rear leg simplifies the installation process and significantly reduces the number of installation steps and operations. This makes the installation more convenient and efficient, effectively reducing the overall project cost and making the entire system more integrated. There are two angle options: 10 degrees and 15 degrees. These two angle options are compatible with ERK - BPF - 10 and ERK - BPF - 15.

**Technical features:**

Product name	Ballasted - Pro East-West integrated rear leg
Application	Concrete flat roof or trapezoidal sheet metal roof
Tilt	10°or 15°
System material	AL6005-T5, EPDM
Fastener material	SUS 304
Finish	Anodized
Module orientation	Landscape



## Assembly



ERK-BPF-10 ERK-BPF-15



ERK-BIP-10 ERK-BIP-15



ERK-AIC



ERK-FEC



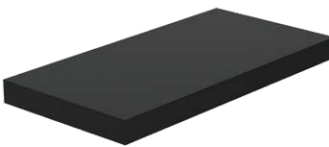
ERK-BST-02



ERK-R41-02



ERK-SFR-04



ERK-EFT-03

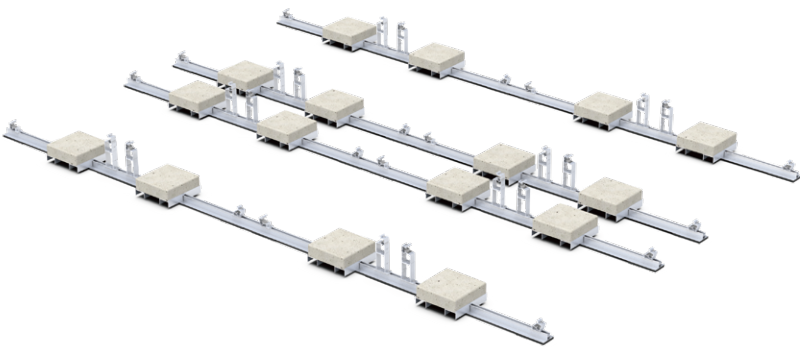


# Ballasted-ULT Mounting



Enerack East & West Ballasted-Ult Systems suitable for concrete flat roof and trapezoidal sheet metal roof. Unlike the traditional solar panel fixing method, whose fixing point at the end of the long side of the panel, this series help solar panels to be fixed anywhere on the long side. Therefore, solar panels could withstand greater wind and snow pressure. There is no need to use expansion bolts or chemical bolts on the roof, no damage to roof. The system connects all the panels with the rails into a whole. East-west facing panels have a great effect on resisting wind loads. A combination of high quality aluminium components make a robust, reliable system and quick and easy installation.

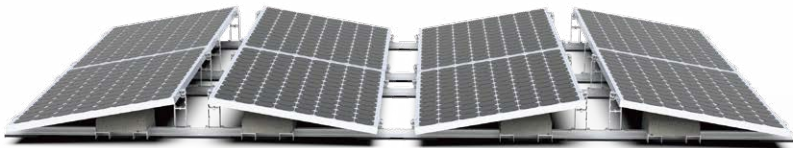
Technical features:	
Product name	Ballasted-ULT Series
Application	Concrete flat roof and trapezoidal sheet metal roof
Tilt	10°or 15°
System Material	Extruded aluminum profile 6005 T5, EPDM
Fastener material	Stainless steel 304
Finish	Anodized
Module orientation	Landscape



## 1 Assembly



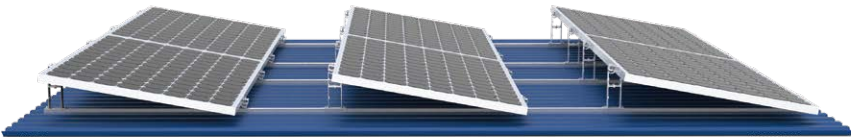
**Product Feature:**  
Solar panels could withstand greater wind and snow pressure.  
Maximal area utilized.  
Maximal PV quantity installed.  
Maximized roof space utilized, and PV quantity installed.  
Better panel output.  
Solar PV to be fast and easily installed on a flat roof with 10 tilt degree inclination.  
All parts are made of extruded aluminum, with stainless steel 304 fasteners.  
EPDM foam tape is installed at the bottom of the system, separated the roof and system.  
EPDM foam tape provides better friction and compensates for the height difference when the roof is uneven.



East & West 10° for concrete flat roof



South or North 10° for concrete flat roof



South or North 10° for trapezoidal sheet metal roof

## 2 Assembly





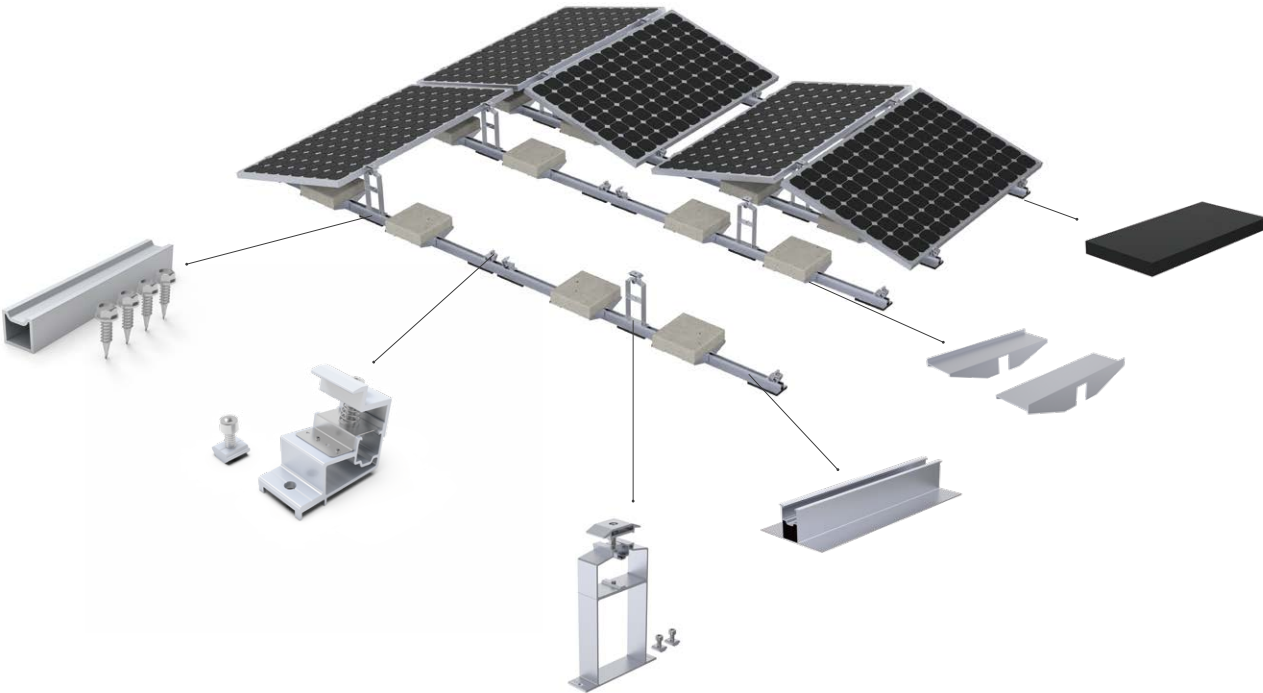
# Ballasted-Ult East-West Integrated Rear Leg

Ballasted-Ult East-West integrated rear leg is suitable for the Ballasted-Ult Systems East-West layout installation, it has the same advantages as Ballasted-Ult Systems, can be installed in any position on the long side of the solar panels. Maximize to realize the strength of solar panels against the wind load and snow load. East-West integrated rear leg support simplify the number of installation, making it more easy and convenient, more efficient and faster, can effectively reduce the cost of whole project. Innovative rear leg inner clamp is more convenient for installation and make the whole systems more integrated, there are two choice 10 degree and 15 degree for your choose, compatible with ERK-BUF-10 and ERK-BUF-15.

Technical features:

Product name	Ballasted-Ult East-West integrated rear leg
Application	Concrete flat roof or trapezoidal sheet metal roof
Tilt	10°or 15°
System material	AL6005-T5, EPDM
Fastener material	SUS 304
Finish	Anodized
Module orientation	Landscape

Assembly



## Assembly



ERK-BUF-10 ERK-BUF-15 ERK-BUS-10 ERK-BUS-15



ERK-BIR-10 ERK-BIR-15



ERK-R41-02



ERK-BST-02

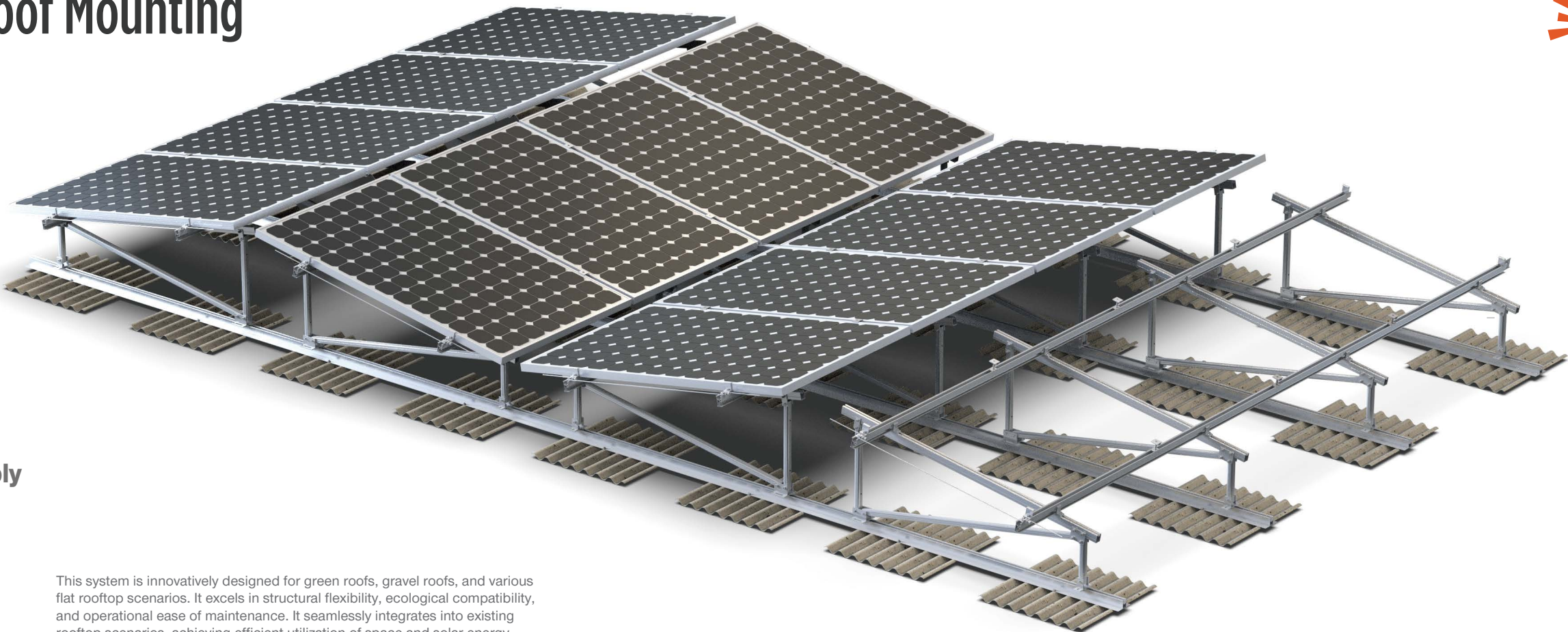


ERK-SFR-04



ERK-EFT-03

# Green Roof Mounting



## 1 Assembly

ERK-EIC



This system is innovatively designed for green roofs, gravel roofs, and various flat rooftop scenarios. It excels in structural flexibility, ecological compatibility, and operational ease of maintenance. It seamlessly integrates into existing rooftop scenarios, achieving efficient utilization of space and solar energy resources.

ERK-FEC



### Key Features:

#### 1.Highly Flexible Module Configuration

- **Adaptable Orientation and Tilt Angle:**  
Supports both landscape and portrait installation of PV modules, with tilt options of 10° or 15° to optimize sunlight utilization across different latitudes.
- **Multi-Topology System Layout:**  
Offers layout shapes such as A-frame and V-frame, allowing users to select the optimal configuration based on project requirements.
- **Adjustable Module Spacing:**  
Supports flexible and variable array spacing, taking into account the needs of operation and maintenance channels, vegetation lighting and component cleaning.

ERK-RCB



ERK-NTP



## 2 Assembly

ERK-R41-02



ERK-R41-03



ERK-R52



ERK-R80



ERK-GRB



ERK-SDS-625



### 2.Excellent Ecological Roof Compatibility

- **Roof-Friendly Elevated Design:**  
The system's modular brackets create ample space between the solar panels and the roof, ensuring space for vegetation growth and facilitating easy maintenance.
- **Non-Penetrating Installation:**  
A non-perforated mounting base maximizes protection of the roof's waterproofing layer and greening structure, eliminating the risk of water seepage.

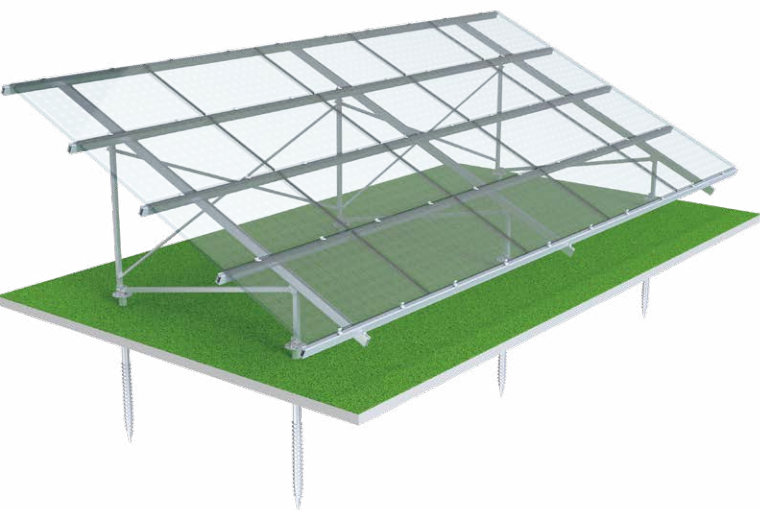
### 3.Robust Structure and Broad Applicability

- The system offers excellent wind and snow load resistance, adapting to various climatic conditions.
- Made primarily of high-strength aluminum alloy, it offers strong corrosion resistance and a long service life.
- Suitable for both new construction and retrofit projects, including flat lightweight roofs, concrete roofs, and other substrate types.

With this system, users can achieve high power generation efficiency while preserving or enhancing rooftop greenery, promoting harmonious coexistence between architecture and ecology.



# Ground Mounting



## Standard Ground Mounting System

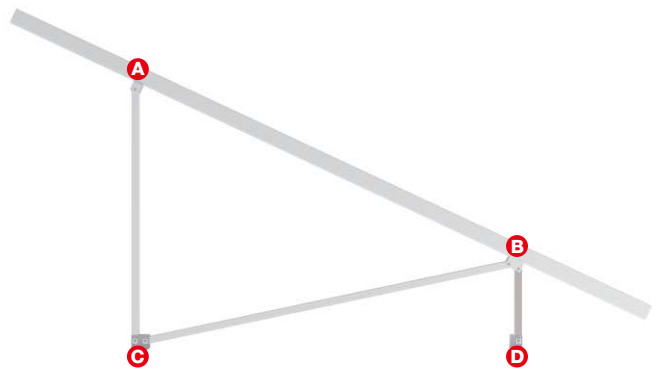
Aluminum ground mount, optimized for lightweight, quick and efficient installation with flexible on engineering upon site conditions. Optional on foundation by ground screw or concrete. Maximize pre-assembled before shipment

Technical features:	
Product name	Standard ground mounting system
Application	Flat concrete roof, open terrain
Inclination	Customized
Material	AL 6005-T5, SUS 304, Q235
Finish	AL 6005-T5 Anodized, Q235 Hot-dip galvanizing
Module orientation	Landscape or Portrait

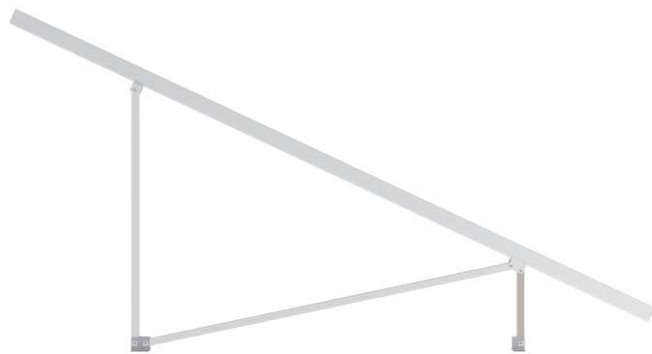
## 1 Assembly



## 2 Assembly



Ground mounting system has been maximized pre-assembly before shipment, which make the installation more convenient.



N-Type



W-Type



Depending on the different design conditions, pre-assembly support is generally designed into the following two shapes:

The N-Type pre-assembly support is mainly used for the small wind & snow load condition projects.(2-4 columns)

The W-type pre-assembly support is mainly for the 4-5 columns wind & snow load condition projects. We will add cross support to make the structure stronger if the ground height is higher or wind & snow load is larger.

# Ground Mounting



## U Pile Ground Mounting System

Enerack U Pile Ground Mounting Systems suitable for large scale power station installation, Pile to the ground makes installation faster and lower cost than others. Each components are Maximize pre-assembled, widely save your labor cost and installation time. Customization allowed according to project wind & snow load, provide economic & effective solutions.



### 1 Assembly

ERK-GIC



ERK-R80



ERK-GEC



ERK-GRC



ERK-W50



### 2 Assembly

ERK-US-60



ERK-B105



ERK-GS



ERK-UBS



ERK-CH3-01



The U type Pile Ground Mounting System has been folded into a rectangular shape before shipment. Easy to transport.

#### Technical features:

Product name	U Pile ground mounting system
Application	Open terrain
Inclination	Customized
Material	AL 6005-T5, SUS 304, Q235
Finish	AL 6005-T5 Anodized, Q235 Hot-dip galvanizing
Module orientation	Landscape or Portrait

Penetration depth	Conventional Upilecompressionandtensilestrengthreferencevalues(KN)							
	N=3		N=5		N=7		N=10	
	Resistance	Compressi on Resistance	Resistance	Compressi on Resistance	Resistance	Compressi on Resistance	Resistance	Compressi on Resistance
1500	9.5	11.5	15.7	19.3	21.9	27	31.13	38.6
1600	10.1	12.3	16.7	20.6	23.3	28.8	3.235	41.2
1700	10.8	13.1	17.8	21.8	24.8	30.6	.337.	43.7
1800	11.4	13.9	18.8	23.1	26.2	32.4	341.4	46.3
2000	12.6	15.4	20.8	25.7	29.1	36	45.65	51.5
2200	13.8	17	22.9	28.3	32	39.6	1.7	56.6
2500	15.7	19.3	26	32.1	36.3	45		64.3

Remarks: The N value of the soil in this table are based on the Swedish penetration test (SWS).



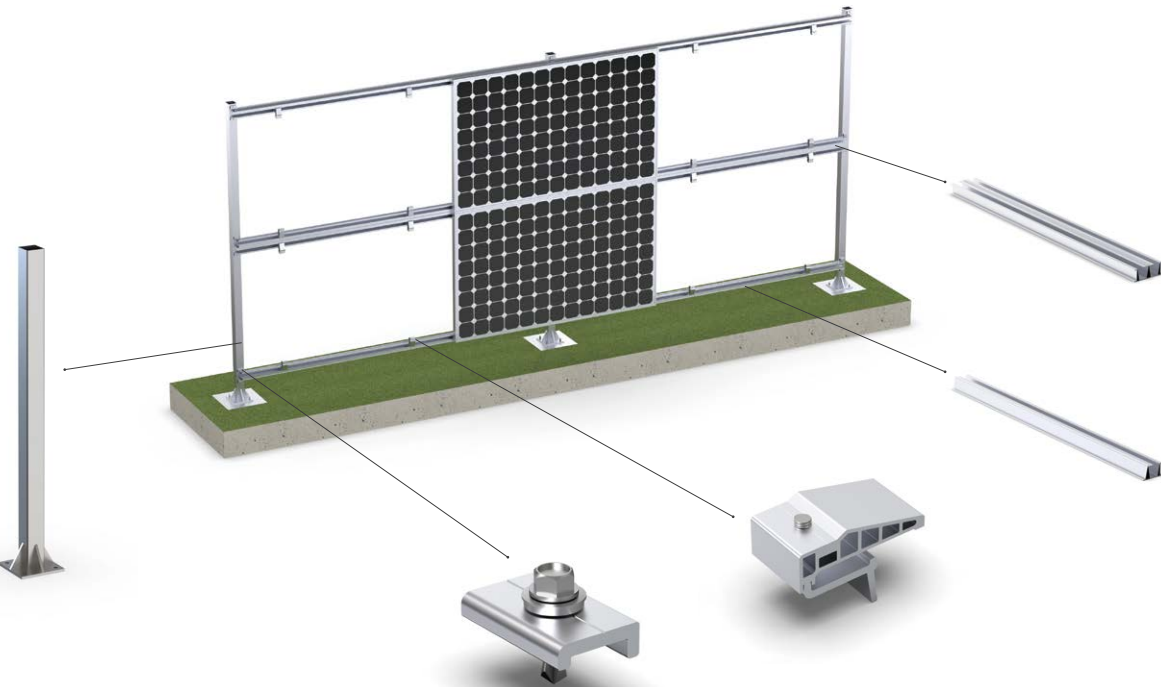
# Solar Fence System

The Enerack Solar Fence System is an innovative solution in solar energy utilization and space optimization, designed to be flexible and adaptable to different installation requirements. The Solar Piling Foundation Fence Mounting System and the Solar Concrete Foundation Fence Mounting System are two installation methods that are easy to install. The column is made of hot-dip galvanized steel with a transverse aluminum rail to fix the long side of the solar panel. It is strong and durable, with good corrosion resistance and wind resistance. Its vertical modular structure can adapt to all kinds of fence forms and a variety of PV modules. By raising the height of PV panels, optimizing light reception and reducing ground shading, it can realize the utilization of three functions of land, power generation and fence, saving a lot of space and being more economical and efficient.

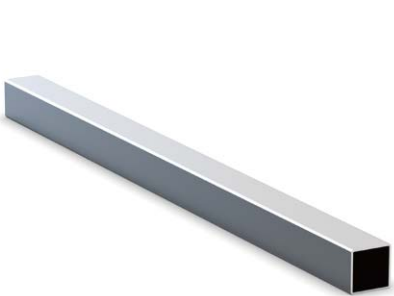
**Technical features:**

Product name	Solar Fence System
Application	Family courtyard gardens, Open terrain
Tilt	90°
System material	AL6005-T5, Q235
Fastener material	SUS 304
Finish	AL 6005-T5 Anodized, Q235 Hot-dip galvanized
Module orientation	Landscape

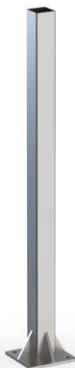
**Assembly**



## Assembly



ERK-PFP (Solar Piling Foundation Fence Mounting System)



ERK-CFP (Solar Concrete Foundation Fence Mounting System)



ERK-RWT-S



ERK-FRC



ERK-RWT



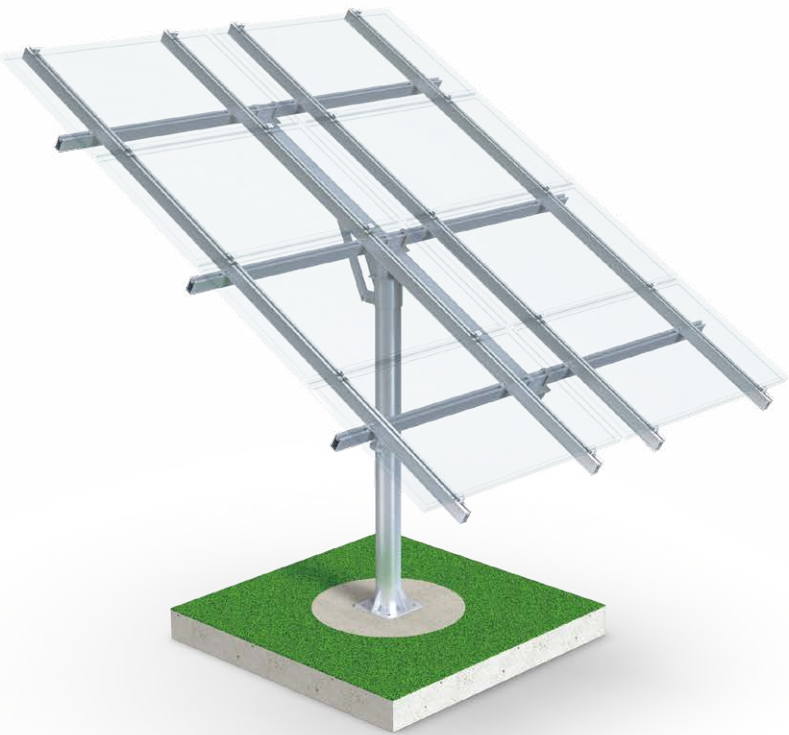
ERK-PVC

# Pole Mounting



Enerack pole mounting system have different angles options of 3, 4, 6, 8 panels. Simple design is ideal for remote off-grid applications such as water pumps for farm, or small residential and commercial systems etc. It can meet the customers need different angles and power generation. Packing in wooden cases each, easy to transport and install.

Technical features:	
Product name	Pole mounting system;
Application	Outdoor
Inclination	0-40°
Material	AL6005-T5, SUS304, Q235
Finish	AL 6005-T5 Anodized, Q235 Hot-dip galvanizin



8 Panels Pole Mounting



3 Panels Pole Mounting



4 Panels Pole Mounting



6 Panels Pole Mounting

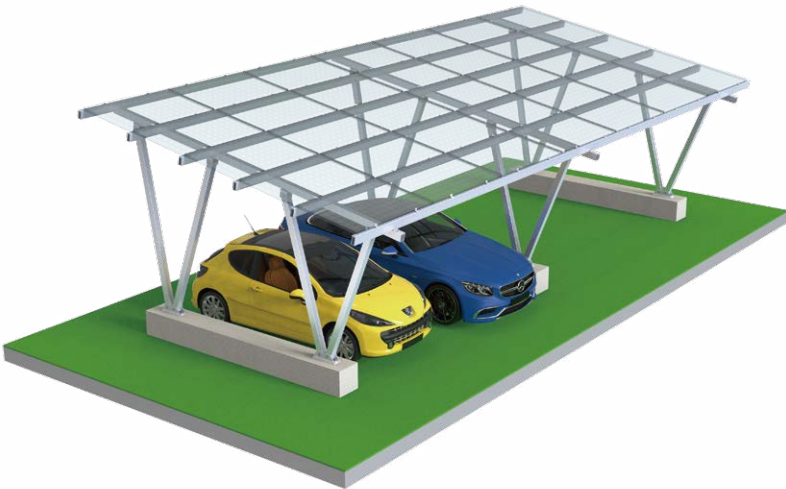


# Carport Mounting



## Carport Mounting System

Enerack Carport Mounting Systems offers a simplified and economical solutions that provides a perfect combination of Shade parking and solar power generation as well as electric vehicle charging. It applied for family parking, commercial parking, awnings and even bus stops.



### 1 Assembly

ERK-GIC



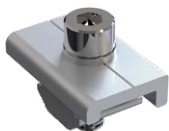
ERK-R125



ERK-GEC



ERK-GRC



ERK-CEC



ERK-W110



### 2 Assembly

ERK-B110



ERK-CPS



ERK-CPH-01



ERK-CPB-02



ERK-BEC



ERK-SFR-B110



highly pre-assembled main structure for solar modules landscape or portrait 5°/ 8°/10°inclination or custom customized and engineered to project maximal span up to 5.4m cover up to 2 parking spaces per span.

#### Technical features:

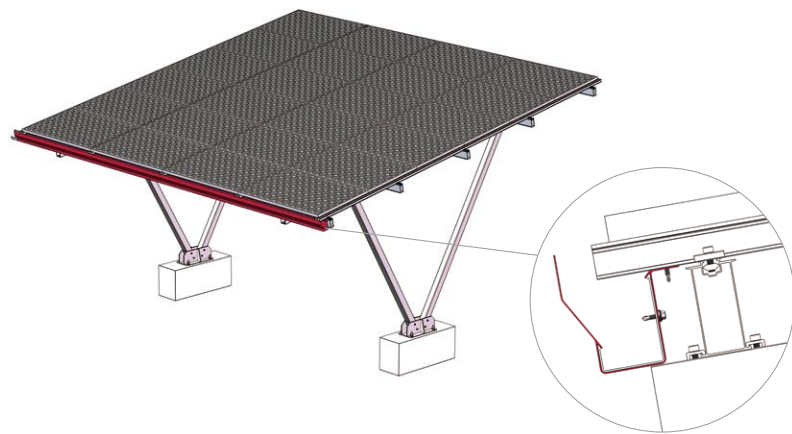
Product name	Carport mounting system
Application	Solar parking structure
Inclination	5°, 8°,10° or customized
Material	AL 6005-T5, SUS 304
Finish	AL 6005-T5 Anodized
Module orientation	Landscape

# Waterproof Carport System

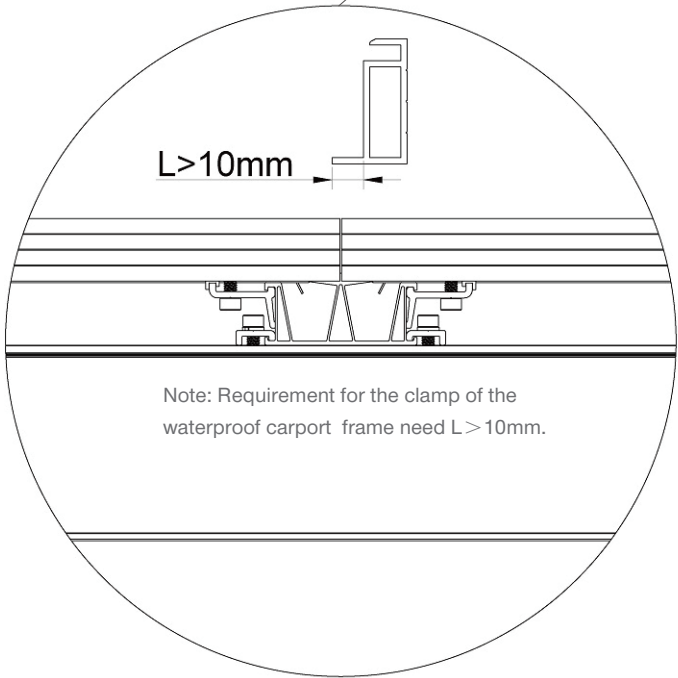


Our carport systems are sold to Africa, the Middle East, Southeast Asia, Europe and the South America. The idle area of the parking shed is used to build a photovoltaic parking shed, and the combination of photovoltaic power generation and carport is the simplest one in the combination of photovoltaic and building. It can not only achieve all the functions of the traditional carport, but also bring electricity generation benefits to the owner. It is stored in the battery by the charging device or directly supplied to the electric vehicle to charge for self-use. You can even use extra power to get online. Using aluminum alloy structure bracket, simple installation, generous, fashionable, elegant.

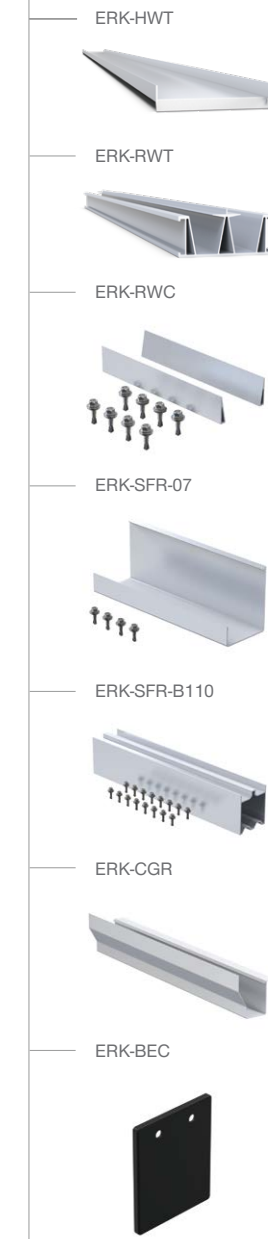
Product Overview:	
Install Site	Flat outdoor
Material	AL6005-T5, SUS304
Standards	AS/NZ1170.2、JIS C 8955、MCS 012、TUV、UL2703 etc
Tilt Angle	5°, 8°, 10° or customized



## 1 Assembly



## 2 Assembly



- Features:**
- 1. Good heat absorption.
  - 2. Good waterproof and rain protection, convenient installation, and flexibility.
  - 3. Make full use of the original site to provide green energy.
  - 4. Suitable for frame panel: Poly modules, double glass module etc.
- Installation place:** home, company, shopping mall, large parking lot.
- Parking category:** battery car/bicycle, car, bus.
- Number of parking Spaces:** 1 parking space, 2 parking Spaces, 3 parking Spaces, multiple parking Spaces (large span).
- By row:** single row parking space, double row parking space.





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Product Catalog Solar Mounting Solutions



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