

Headquarters

FUJIAN QUANZHOU SHUANGHENG GROUP CO., LTD.
ADD : HENGKENG VILLAGE, HENGKOU TOWN, YONGCHUN COUNTY, QUANZHOU, CHINA

Manufacturing plant

FUJIAN YONGCHUN SHUANGHENG ALUMINUM MATERIALS CO., LTD.
ADD : HENGKENG VILLAGE, HENGKOU TOWN, YONGCHUN COUNTY, QUANZHOU, CHINA

Ground Screw Manufacturing plant

FUJIAN QUANZHOU SHUANGHENG GROUP CO., LTD.
ADD : HENGKENG VILLAGE, HENGKOU TOWN, YONGCHUN COUNTY, QUANZHOU, CHINA

Project Service Department

XIAMEN KINSEND METAL TECH CO., LTD.
XIAMEN KINSEND SOLAR ENERGY CO., LTD.
ADD : #UNIT B1&2 , 5/F(BEIRONGXING BUILDING), NO.8 XINFENG 2ND ROAD, TORCH PARK, TORCH HIGH-TECH PARK, XIAMEN CHINA
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KINSEND

Solar Mounting Systems

30 Years History

Solar Manufacturer

25 Years Service Life



About Us

Xiamen Kinsend Metal Tech. Co., Ltd. is a leading designer and manufacturer for aluminum & steel solar mounting systems. Products have been exported to Europe, Middle East, Japan, Southeast Asia etc.

Kinsend is one of the subsidiaries of Fujian Shuangheng Group, which was established in 1992, located in the industrial park with convenient transportation and gorgeous environment. It covers an area of 800,000 square meters, we own all kinds of advanced equipment for production. The annual capacity is about 20,000 tons for aluminum and 50,000 tons for steel.

Our Factory is ISO9001 and CE certified. Based on our high quality products, fast delivery time and good service, we have gained high recognition praise from our customers all around the world.

1992
Establishment
Set up Shuangheng Cement Co.,Ltd

1998
Make the first move
Set up Shuangheng Group Co,.Ltd
Shuangheng Aluminum Profile Co,.Ltd
Face to domestic market
Start selling industrial and construction aluminum profile

2003
Advance
Set up micro Hydroelectric power station

2008
Take sharp
ISO9001 certification
Thoroughly quality control
Abundant corporate culture
Gain trust by credit standing, get benefit by efficiency

2010
Reorganize and expand
Expanding aluminum extrusion factory to satisfy customers' demand

2013
Continuous improvement
Set up a new assembly factory
Set up Xiamen Kinsend Metal Tech.Co.,Ltd
Promote overseas sales of aluminum profiles

2015
Challenge for tomorrow
Set up branch office and warehouse in Japan

2017
Projects Breakthrough
Since its establishment, the Japanese market has achieved a new breakthrough in 1GW projects

2022
Global Market
SGS factory inspection, passing EU CE factory inspection, obtaining CE certificate

2023
Welcome to new markets
Participate in global exhibitions in Germany, France, Japan, South Korea, Malaysia Philippines, Italy, Spain, Indonesia, Kenya

2026
We keep creative and offering better service to the customers all over the world.

GROUP FACTORY
PRODUCTION

Rich experience on designing & manufacturing from extrution to anodizing of aluminum profiles



3GW ANNUAL CAPACITY
500+ SOLUTIONS
10GW+ GLOBAL APPLICATIONS
50+ COUNTRIES AND REGIONS COOPERATED
15000PCS+ GROUND SCREW PER WEEK PRODUCE

12 years product warranty

30 YEARS OF EXPERIENCE IN MANUFACTURING ALUMINUM PRODUCTS



ALUMINUM INGOTS



EXTRUSION



PROCESSING



ANODIZING



PACKAGING



INSPECTION





ZAM Production

Manufacture ZAM solar mounting bracket to satisfy targeted market demand



















CERTIFICATE








OUR HONOR













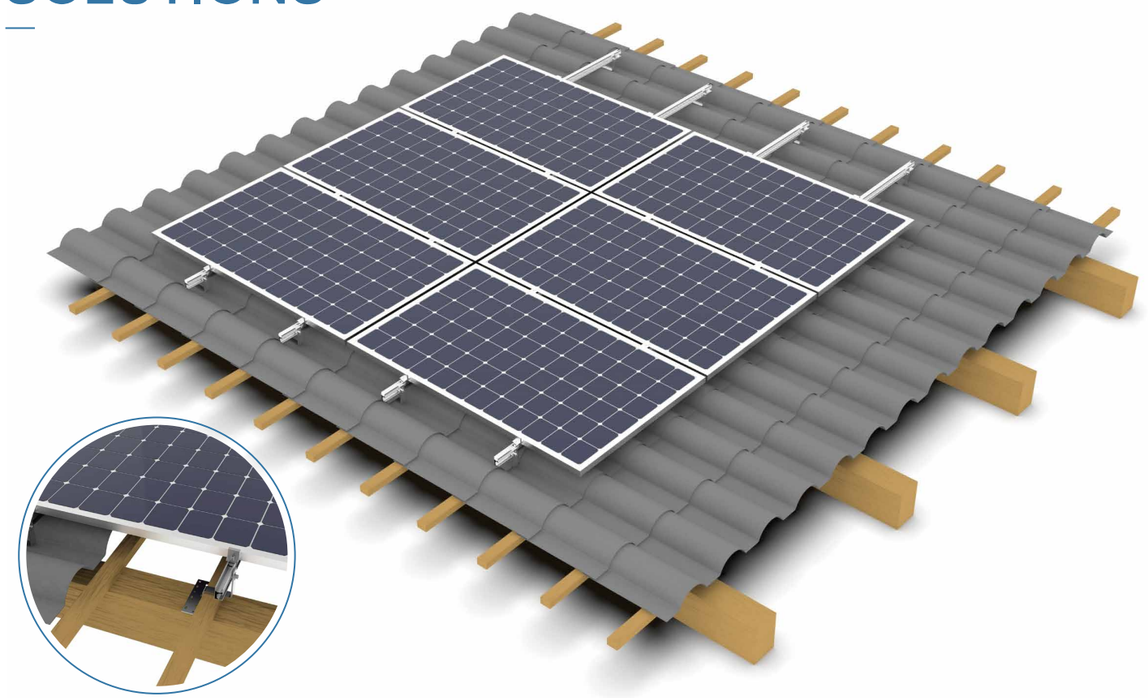
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TILE ROOF SOLUTIONS



COMPONENTS



Rail



Mid Clamp

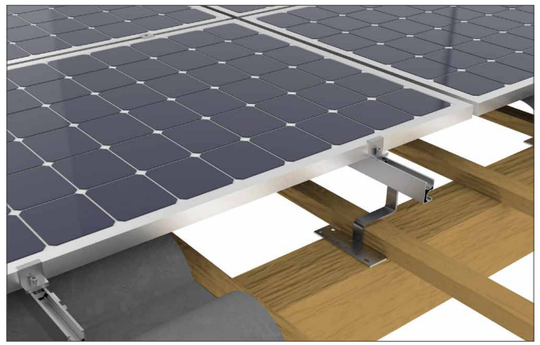


End Clamp

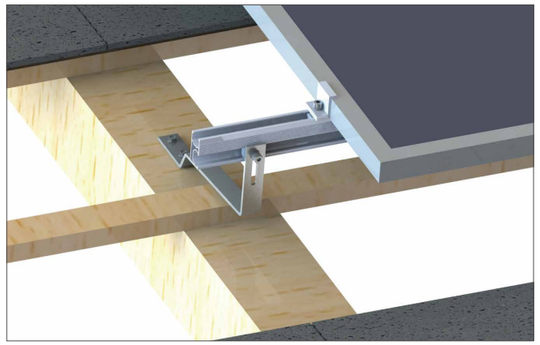


Hook

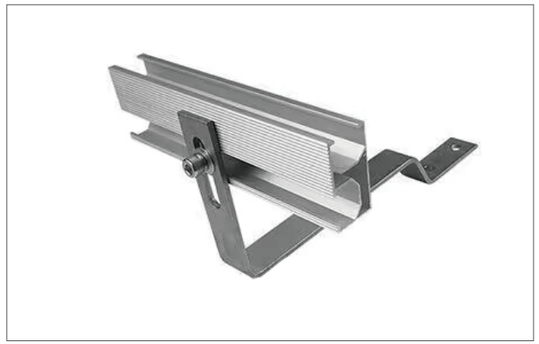
DETAILS



DETAILS







TILE ROOF HOOK

Different solar tile hooks with stainless material are offered according to tile roof condition for customer's choice.



KS-HK-R01



KS-HK-S1BN-01



KS-HK-R02



KS-HK-S1BN-02



KS-HK-R03



KS-HK-R04



KS-HK-F04



KS-HK-F03



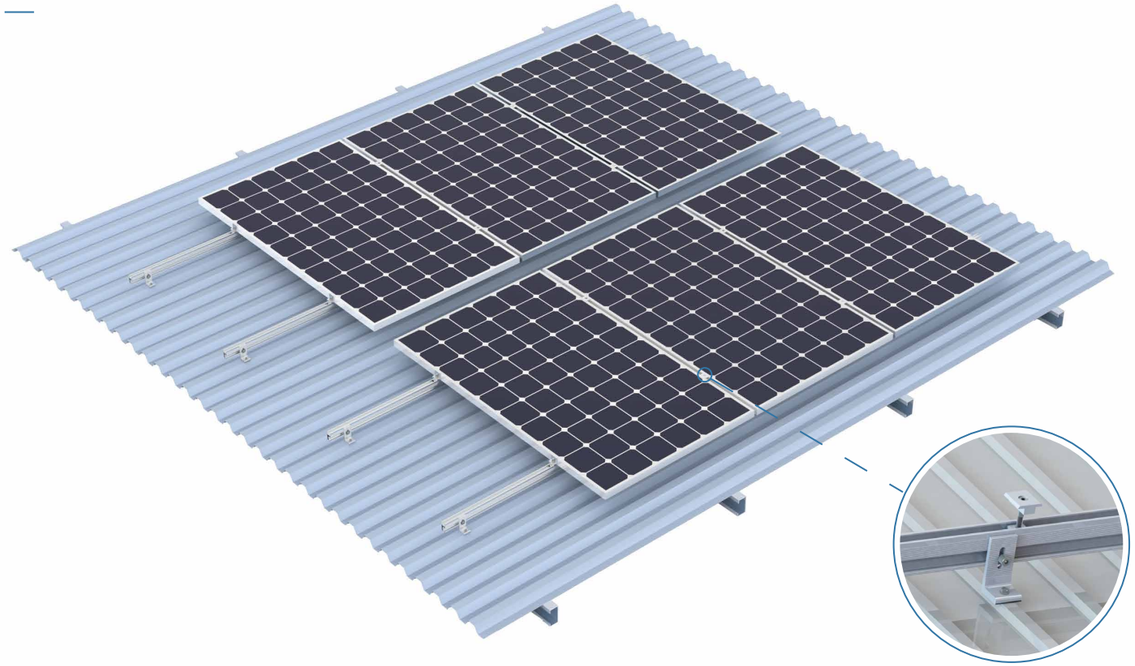
KS-HK-F01



KS-HK-F02

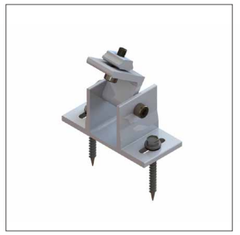
TRAPEZOID METAL ROOF

TRAPEZOID METAL ROOF SOLUTIONS



ADJUSTABLE FOOT





Adjustable Front Leg



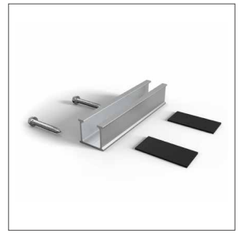
Adjustable Rear Leg

MINI RAIL





KS-UR2

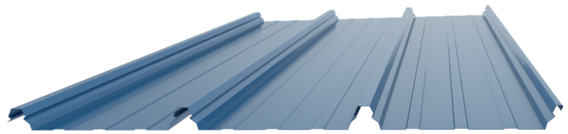


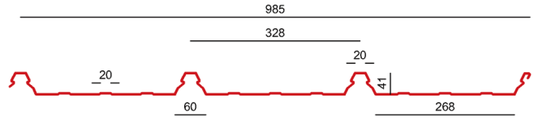
KS-UR8

STANDING SEAM METAL ROOF SOLUTIONS









STANDING SEAM METAL ROOF MOUNTING SYSTEM

Clamp on standing seam roof without penetration, could be railless for panel landscape placement.

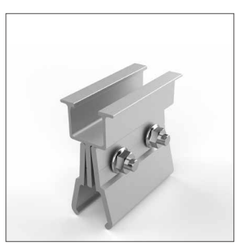
COMPONENTS



End clamp

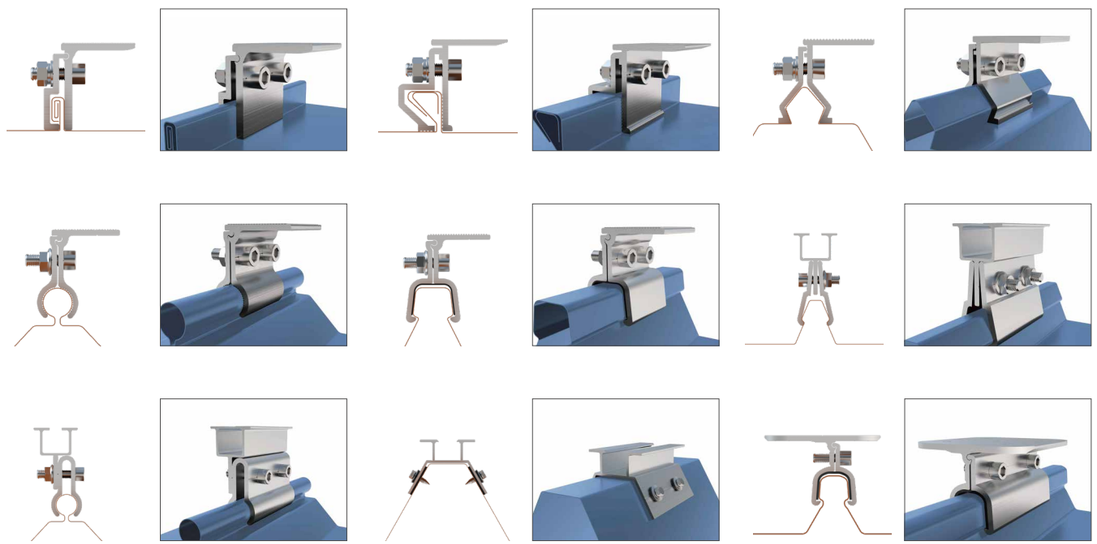


Mid clamp



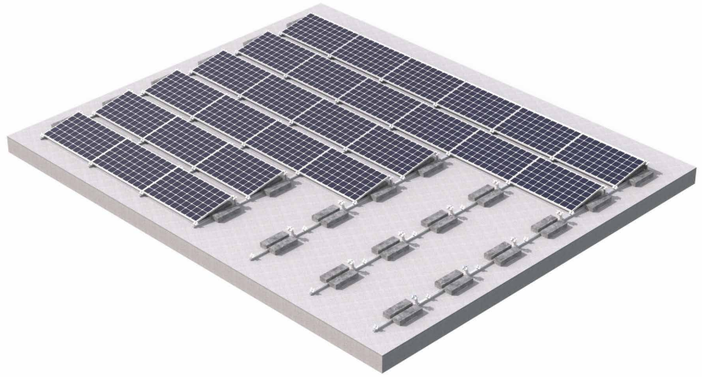
Clip lock

KLIPLOK ROOF SYSTEMS



FLAT ROOF SOLUTIONS





FLAT ROOF SOLAR MOUNTING SYSTEM

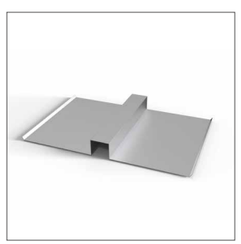
Adjustable Foot

Ballast Solution

Fixed and Adjustable Triangle Bracket

Normal bracket as ground mounting system

COMPONENTS



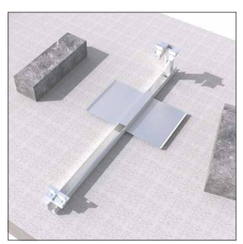
Tray



Ballast upper clamp



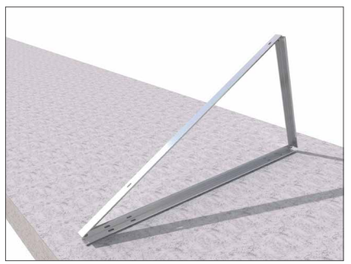
Ballast under clamp



U-Shaped groove

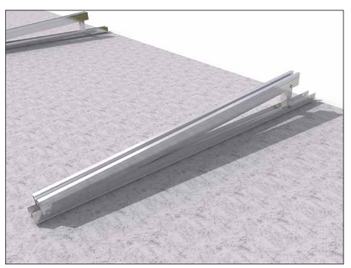
FIXED TRIANGLE BRACKET





ADJUSTABLE TRIANGLE BRACKET





METAL ROOF BRACKET

Aluminum mounting system is competitive for its high recycling value after years, and lower installation labor and maintenance cost.

METAL ROOF BRACKET



COMPONENTS



Mid clamp



Rail clamp



Rail



End clamp



Pre-assembly



Base Bracket

METAL ROOF BRACKET

The immobility phenomenon on the surface of aluminum is resistant to corrosion in the external environment.

Due to its weight being only about one-third of iron's, the load applied during installation on buildings is relatively light.

About 90% of the reflection of ultraviolet or infrared rays is helpful for solar power generation.

OTHERS



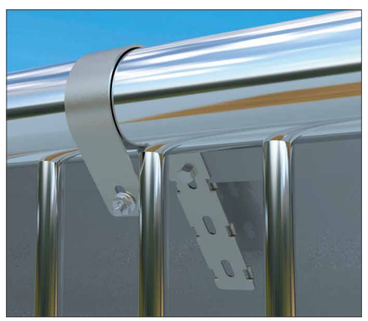
BALCONY PHOTOVOLTAICS HAVE THE FOLLOWING BENEFITS:

Cost savings

Easy installation

Plug and play

DETAILS

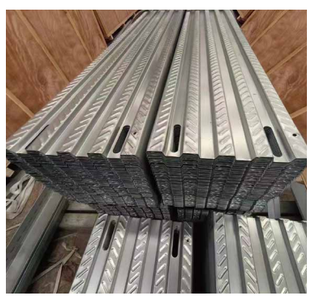


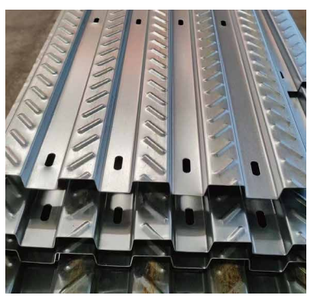






PHOTOVOLTAIC WALK WAY







SOLAR CABLE







SOLAR GROUND STEEL MOUNTING SYSTEM

It can adapt to the undulating terrain and any configuration by choosing different foundation such as concrete base or ground screw.

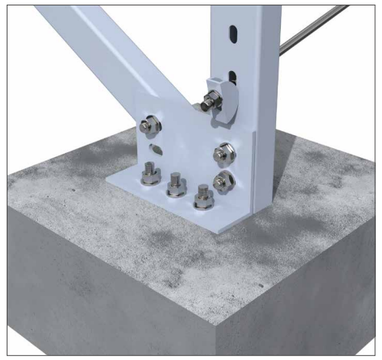
STEEL GROUND MOUNTING SYSTEM



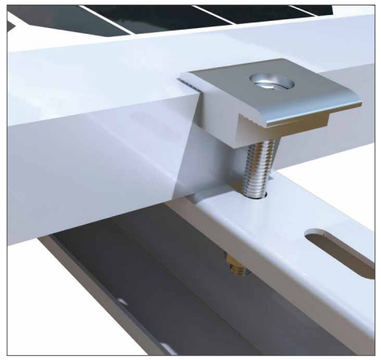
SOLAR GROUND STEEL MOUNTING SYSTEM

We offer ZAM fixing structure with very competitive price to satisfy big solar farm projects' demand. It generally use single or double post to adapt to different environment and terrain.

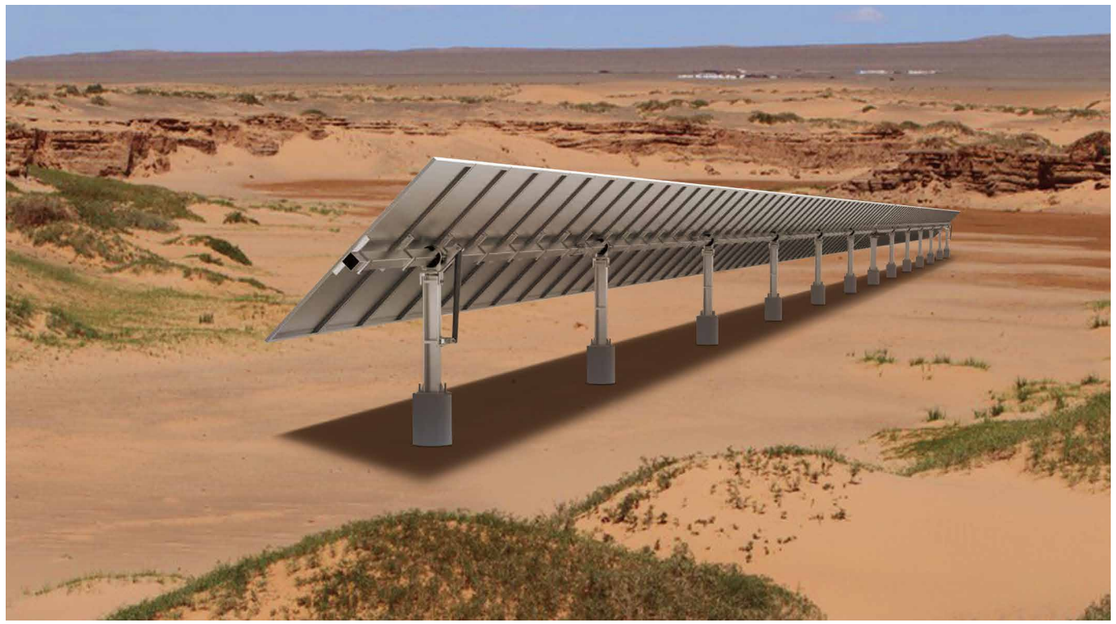
DETAILS







SOLAR TRACKING SYSTEM



FEATURES & ADVANTAGES

- Larger main beam section, higher strength material, more reliable structure.
- Suitable for ground slopes within 20 °
- Using "LoRaWAN", much more stable transmission in longer distance.
- Passed TUV, SGS, CE, wind tunnel test.
- Self learning, adaptive AI intelligent control.
- Professional technical support and after-sales service covered.

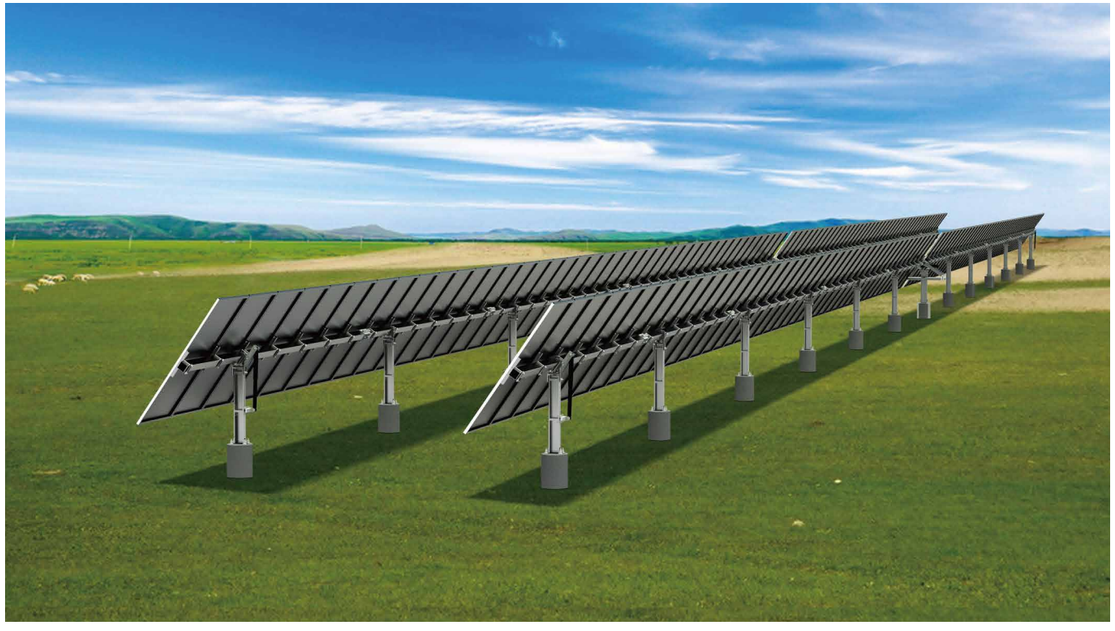
SHR-HT2 STELLAR STAR DOUBLE ROW LINKAGE TRACKING SYSTEM

Bifacial power generation, intelligent algorithm, power generation increase to 15%-30%



SHR-HT1-PRO BINARY STAR-SINGLE ROW SINGLE AXUIS 2 LINJAGE

economical design, convenient operation and maintenance, power generation increase by 15-25%



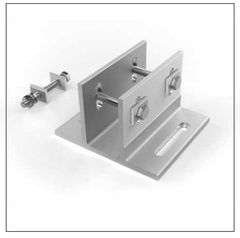
ALUMINUM GROUND MOUNTING SYSTEM



ALUMINUM GROUND MOUNTING SYSTEM

Solar Ground Mounting System is typically applied on flat open field ground. Main components are high pre-assembled in our factory, which save lots of your on-site installation time and cost. Components are full sides anodized even for small parts, which has a great anti-corrosion effect and long life time.

COMPONENTS



Big base



H adapter

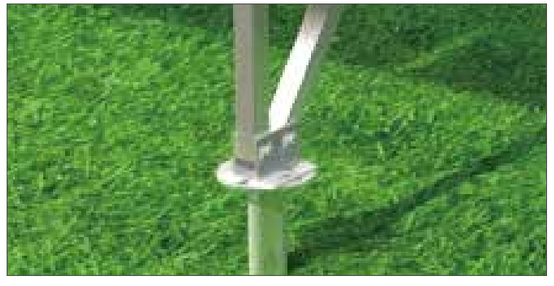


Big H connector



Rail

DETAILS





DIVERSE GROUND MOUNTING SYSTEM

The optimal ground foundation is used according to different terrain and panel installation requirements,High pre-assembly before shipping out.



Ramming Pile Base



Type A pre-assembled



Concrete Base



Type W pre-assembled



Ground Screw

DIVERSE GROUND MOUNTING STRUCTURES

Various structure shape to meet different designing conditions.



Type A

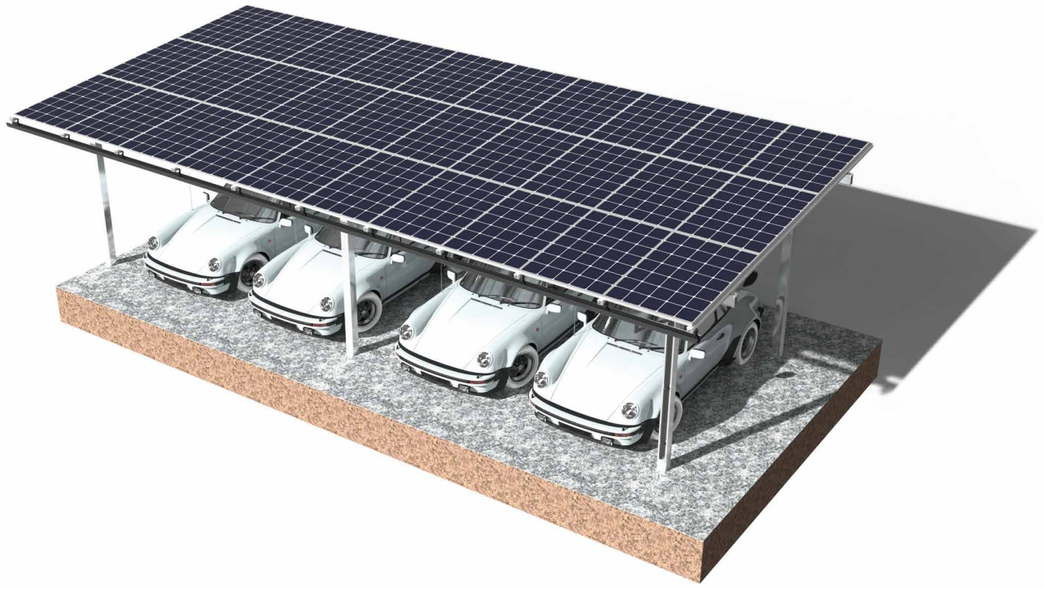


Type N



Type W

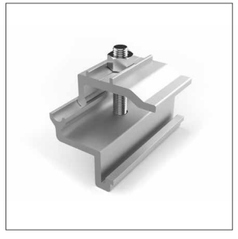
SOLAR CARPORT MOUNTING SYSTEM



WATERPROOF CARPORT SYSTEM

Solar waterproof carport can use aluminum or steel material, it is convenient and easy to install, suitable for open land for residential or commercial buildings, like shopping mall, offers simplified and economic solution providing shade for car parking.

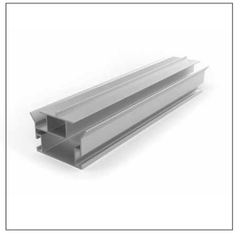
COMPONENTS



Under locking clamp



Fixture components



waterproof rail



Base rail

DETAILS



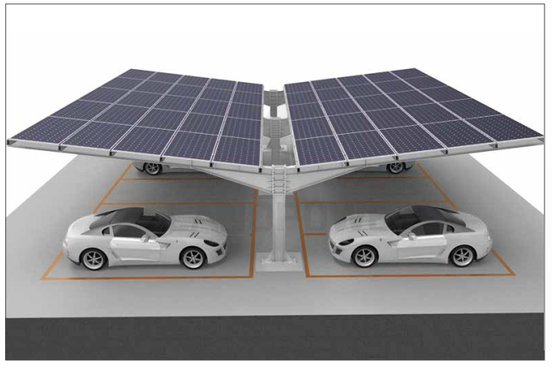


ALUMINIUM CARPORT





STEEL CARPORT





GROUND SCREW



Four Blades Helical Screw



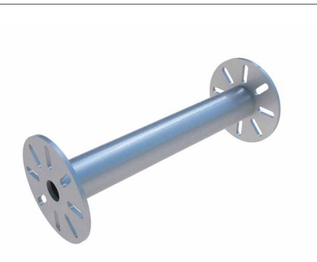
Four Blades Adjustable Helical Screw



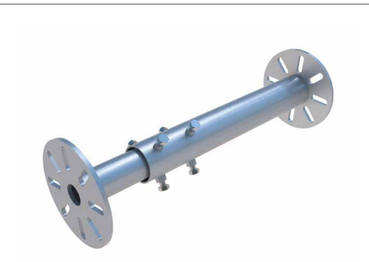
Ground Screw with Flange



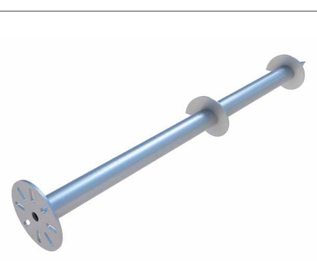
Adjustable Ground Screw with Flange



Double Flange Ground Screw



Double Flange Adjustable Screw



Two Blades Helical Screw



Two Blades Adjustable Helical Screw



GALVANIZED GROUND SCREW

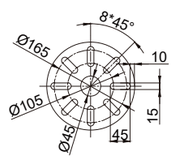
Hot Sale Ground screw with flange, the flange is convenient and easy to connect with the solar bracket from upward.

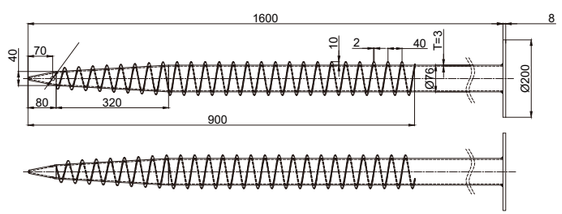
HELICAL GROUND SCREW

Bigger blades provides better pulling resistance performance, suitable for soft clay.

STANDARD SPECIFICATION

Product Name: Ground Screw (With Flange)
Product Code: KS-GS76-1600F-T3.0
Material: Carbon Steel(Q235B / ISO 630 Fe360D)
Anti-Corrosive: Hot-dip galvanizing (DIN EN ISO 1461)
Galvanizing thickness over 80um
Length: 1600mm
Pipe Outside Diameter: 76mm
Pipe Inside Diameter: 70mm
Pipe Thickness: 3.0mm
Flange Diameter: 200mm





※Length, pipe diameter and thickness can be customized according to customer demand.

GLOBAL GROUND SOLAR PROJECT











GLOBAL GROUND SOLAR PROJECT























GLOBAL ROOFTOP SOLAR PROJECT













GLOBAL ROOFTOP SOLAR PROJECT





