



XIAMEN TRIP SOLAR TECHNOLOGY CO.,LTD

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PROJECT



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Company Introduction

Since 2012, Xiamen Trip Solar Technology Co., Ltd is an experienced manufacturer and exporter of solar roof mounting system, ground mounting system, solar carport system, floating solar mounting system, RV solar mounting brackets and accessories with production plant in Xiamen, China.

Trip Solar members devote themselves to research, design, manufacture and sell the steady, trustable and cost-efficient solar PV mounting system solutions. As one of the PV solar products exporter in China, the pioneering Trip Solar products have been installed in more than 80 countries and regions since it established.

Trip Solar insists on "Professional and Innovation" on products research and development, provides effective guarantee to customers with "Professional", and create more value with "Innovation".

In the meantime, we are meticulous with the quality and delivery time. By cooperating with us, you will definitely feel both our professionalism, good quality and service.

In conclusion, Quality first, Best faith priority. Our competitive price will be offer as soon as received your requests.



Factory



Plant



Office

Workshop

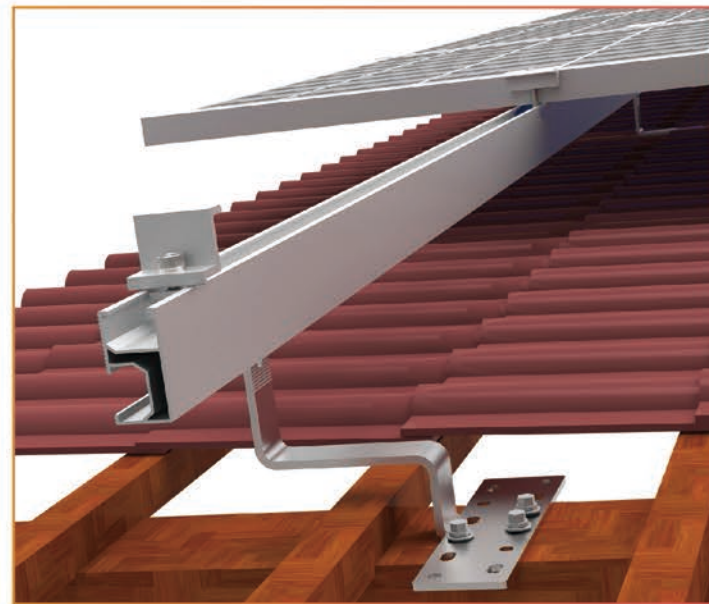


Packaging





Tripsolar Tile Roof Solution



Description

Tripsolar Tile Roof Solution designs with great flexibility both for commercial and residential roof solar system. It is suitable for installing framed and frameless modules.

Feature

- Safety and Reliability
- Easy To Install
- Flexibility and Compatible
- Stand up to extreme weather

Technical Parameter



Installation Site	Pitched roof
Panel Orientation	Landscape/Portrait
Tile Angle	0~60 degree
Max Wind Speed	Up to 60 m/s
Snow Load	Up to 1.4kn/m2
Main Material	Aluminum & Stainless Steel
Anti-corrosive	Anodized
Color	Natural
Warranty	Ten years warranty
Duration	25 years life span

Component List



Rail



Rail Connector



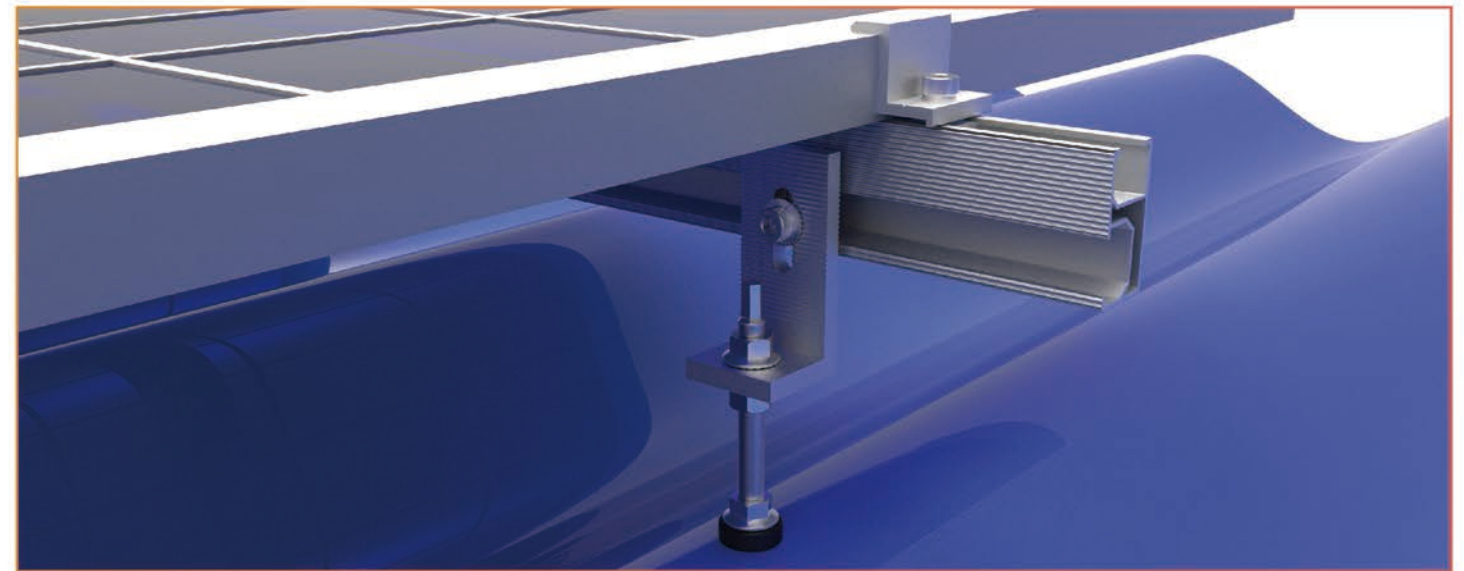
Middle Clamp



End Clamp



Tripsolar Metal Roof | Solution



Tripsolar L Feet has been widely used on universal corrugated and trapezoid metal sheet roof. It can fix to the roof rafter directly. Also, it can be applied with hanger bolts and Tripsolar designed roof clamps.

Technical Parameter



Installation Site	Metal roof
Panel Orientation	Landscape/Portrait
Max Wind Speed	Up to 60 m/s
Snow Load	Up to 1.4kn/m2
Main Material	Aluminum & Stainless Steel
Anti-corrosive	Anodized
Color	Natural
Warranty	Ten years warranty
Duration	25 years life span

Component List



Rail



Rail Connector



Middle Clamp



End Clamp

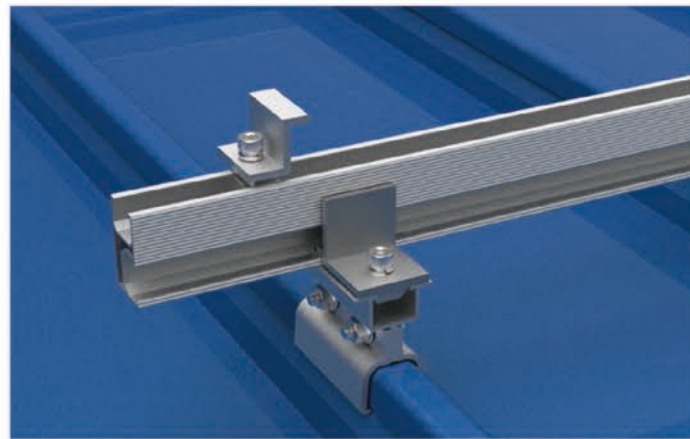


Tripsolar Metal Roof II Solution



Tripsolar Metal Roof Solution is specially developed for both residential and commercial rooftop solar installation.

Technical Parameter



Installation Site	Metal roof
Panel Orientation	Landscape/Portrait
Max Wind Speed	Up to 60 m/s
Snow Load	Up to 1.4kn/m2
Main Material	Aluminum & Stainless Steel
Anti-corrosive	Anodized
Color	Natural
Warranty	Ten years warranty
Duration	25 years life span

Component List



Roof clamp



Rail



Rail clamp



Splice



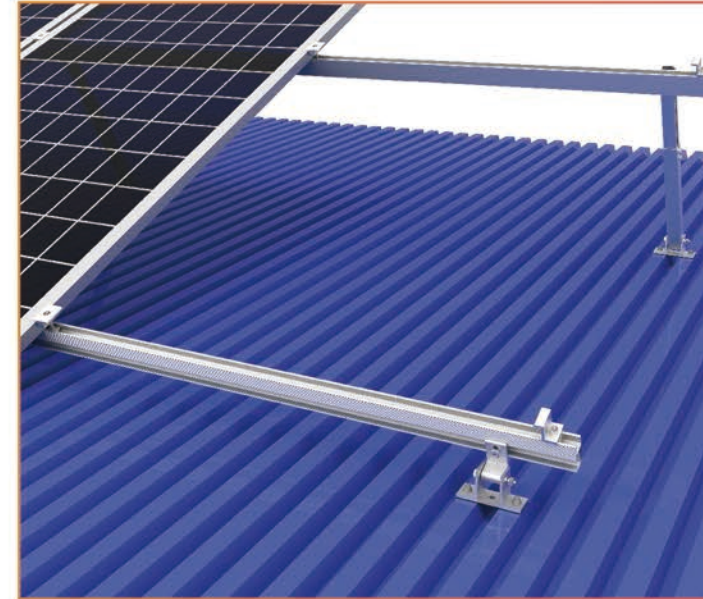
Middle clamp



End clamp



Tripsolar Metal Roof III Solution

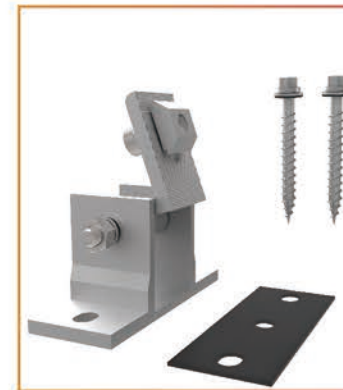


Feature

- Adjustable Degree
- Easy To Install
- Flexibility and Compatible
- Stand up to extreme weather
- Water-proof EPDM rubber pad



Technical Parameter



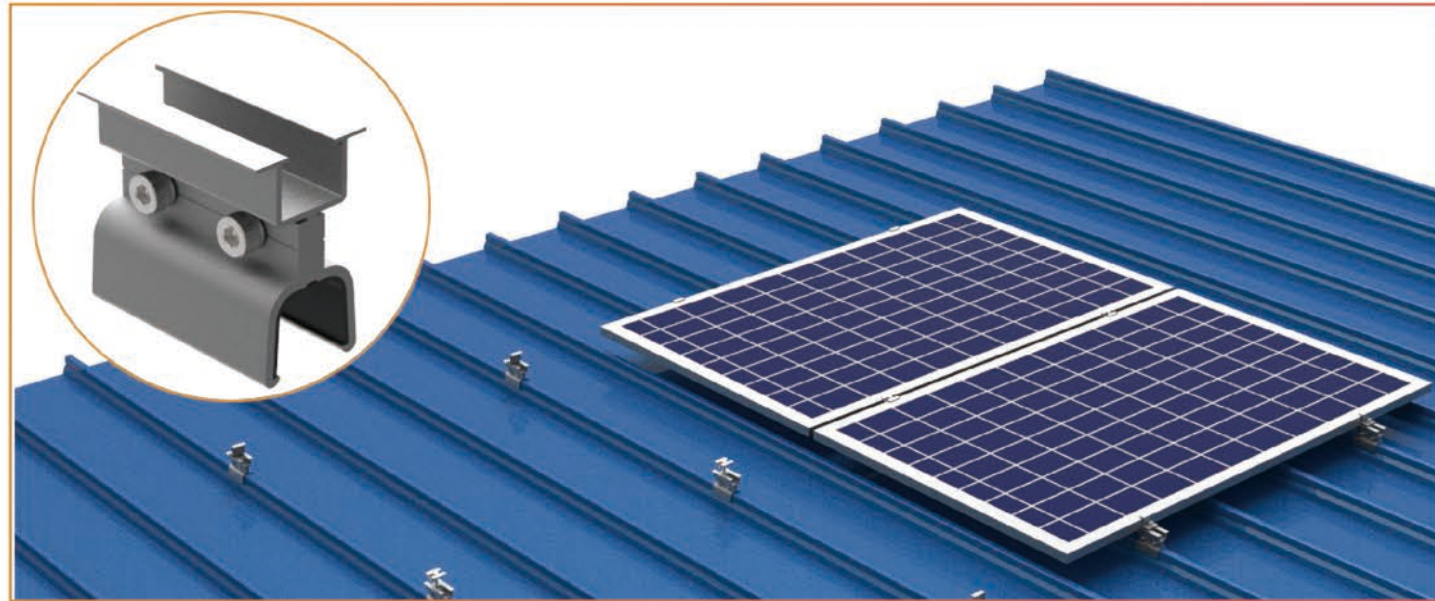
Installation Site	Metal/Tin roof
Panel Orientation	Landscape/Portrait
Tile Angle	15~30 degree
Max Wind Speed	Up to 60 m/s
Snow Load	Up to 1.4kn/m2
Material	Aluminum
Anti-corrosive	Anodized
Color	Natural
Warranty	Ten years warranty

Application





Tripsolar Non-Rail Metal Roof Solution



Feature



- Safety and Reliability
- Easy To Install
- Flexibility and Compatible
- Low Cost
- Long Warranty

Other Metal Roof Clamps



The roof clamps can be customized according to the shape of metal.



Tripsolar Flat Roof | Solution



Feature

Applicable Moudule	Frame or frameless
Panel Orientation	Landscape/Portrait
Tile Angle	15, 20,30 degree
Max Wind Speed	Up to 60 m/s
Snow Load	Up to 1.4kn/m2
Material	Aluminum
Anti-corrosive	Anodized

SGS

CE

TÜVRheinland

Feature

- Enables simple,fast and easy installation
- Pre-assembled and folded ballast console



Tri-bracket



Rail



Middle Clamp



End Clamp

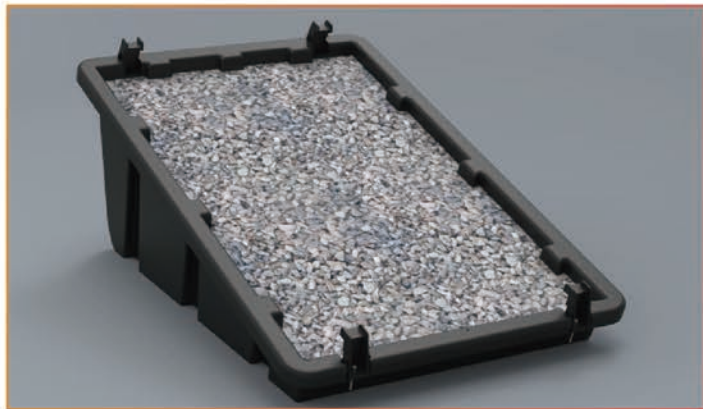
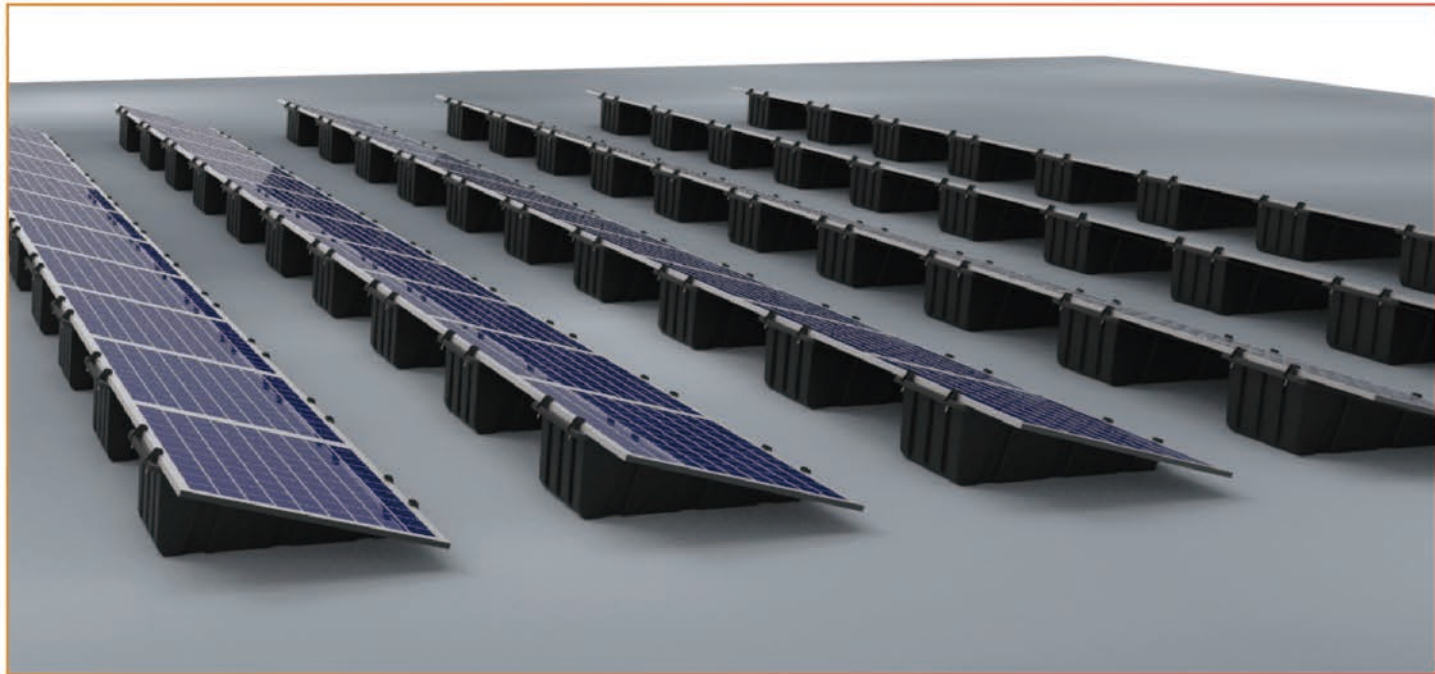


Technical Parameter

Material	Al6005-T5 & SUS304
Installation Site	Low profile roof or open field
Tile Angle	10~45 degree
Demension	Can be customized for solar panel
Solar Panel	Framed solar panel
Color	Natural
Anti-corrosive	Anodized
Warranty	Ten years warranty



Tripsolar Flat Roof II Solution



Technical Parameter

Applicable Moudule	Frame
Panel Orientation	Landscape
Roof Pitch Range	0~5 degree
Tile Angle	18 degree
Material	HDPE
Weight	4.5kg
Ventilation	Slots on top, bottom and sides
Duration	20 years life span

Feature

- Reliable and Environmentally Sound
- Safety and Security
- Quick, Easy and Cost Efficient Install

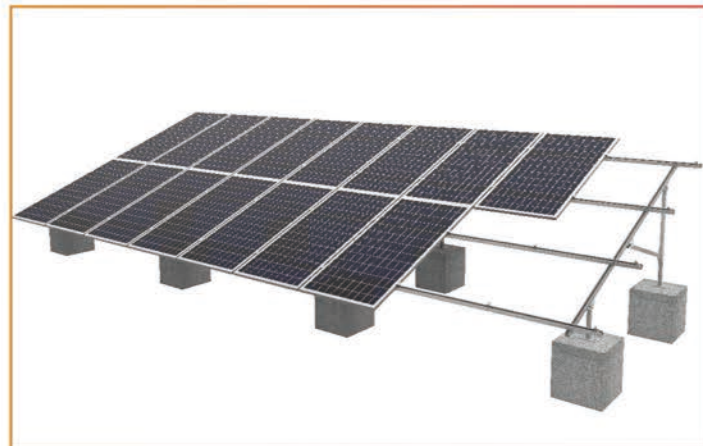
Related Products



Tripsolar Ground Mount I Solution(Q235)



Tripsolar GM I Solution is specially design for large scale ground solar projects,and can work with concret bases or ground screws depending on different soil condition.
The pre-assembled structure brings you quicker and safer installation.



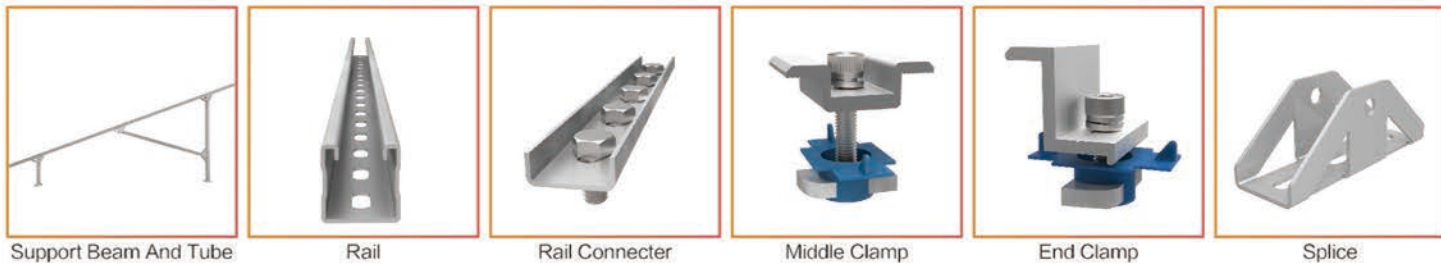
Technical Parameter

Installation Site	Open Field
Foundation	Ground Screw/Concrete Base
Panel Orientation	Landscape/Potrait
Tile Angle	0~45 degree or customized degree
Max Wind Speed	Up to 60 m/s
Snow Load	Up to 1.4kn/m2
Main Material	Q235
Anti-corrosive	Hot-dip galvanized & Anodized
Warranty	Ten years warranty

Feature

- High Pre-Assembly
- Flexibility and Compatible
- Safety and Reliability

Component List





Tripsolar Ground Mount II Solution(AI6005-T5)



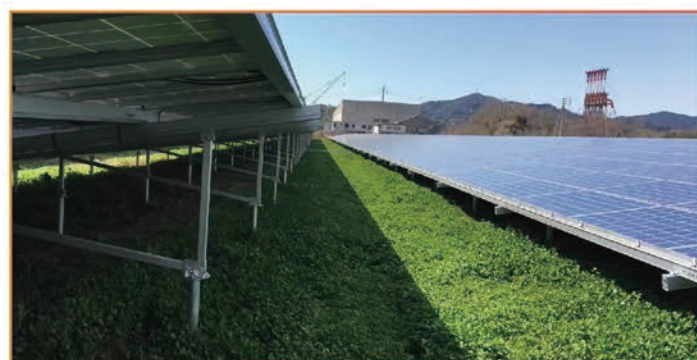
Technical Parameter

Installation Site	Open Field
Foundation	Ground Screw/Concrete Base
Panel Orientation	Landscape/Potrait
Tile Angle	0-45 degree or customized degree
Max Wind Speed	Up to 60 m/s
Snow Load	Up to 1.4kn/m2
Main Material	Aluminum
Anti-corrosive	Anodized
Warranty	Ten years warranty

Feature

- High Pre-Assembly
- Flexibility and Compatible
- Safety and Reliability

Application



Tripsolar Ground Mount III Solution(Pile Structure)



Tripsolar GM III Solution is specially design for large scale mountainous and slope areas, tolerance for any kind of non-stone soil, this system has its pole column as foot which is firmly rammed into ground.



Technical Parameter

Installation Site	Open Field
Foundation	Pile Foundation
Panel Orientation	Landscape/Potrait
Tile Angle	0-60 degree
Max Wind Speed	Up to 60 m/s
Snow Load	Up to 1.4kn/m2
Main Material	Q235 & Aluminum
Anti-corrosive	Hot-dip galvanized
Warranty	Ten years warranty

Feature

- High Pre-Assembly
- Flexibility and Compatible
- Safety and Reliability
- Low cost

Main Component List



Pole



Splice



Rail



H-Clamp





Tripsolar Ground Panels Pole Mounts



Feature

- Material: Hot galvanized steel Q235 & Aluminum
- High integrated to reduced the bolt
- Package can be individual for each set
- Foundation: concrete base with pre-buried bolt



Main Component List



Pole Mount 4#



Pole Mount 6#



Pole Mount 8#



Tripsolar Panels Pole Mounts

Pole Mounts 1#



Pole Mount System is designed to install one solar panel on a single pole.

Technical Parameter

Installation Site	Open Field
Tilt Angle	45 degree
Main Material	Aluminum & SUS304
Warranty	Ten years warranty
Duration	25 years life span

Related Product



Pole Mounts 2#

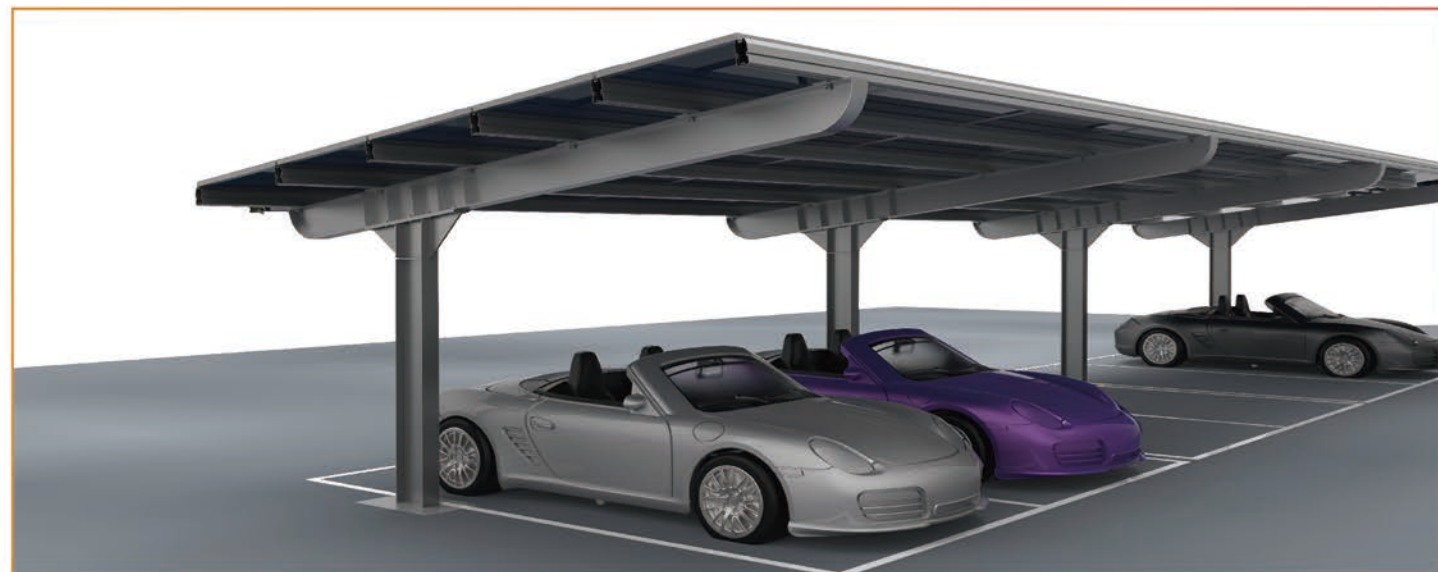


Feature

- Easy installation
- Steady and safety
- Excellence duration
- Great flexibility



Tripsolar Carport I Solution (Q235)



Tripsolar Carport Solution develops an effective solar energy system with vacant space while providing a shelter for vehicles.



Technical Parameter

Installation Site	Open Field
Foundation	Concrete Bars
Panel Orientation	Landscape/Portrait
Tile Angle	0-15 degree
Max Wind Speed	Up to 60 m/s
Snow Load	Up to 1.4kn/m2
Main Material	Q235 & Aluminum
Anti-corrosive	Galvanized & Anodized
Warranty	Ten years warranty

Feature

- Multiple Application
- Quick Installation
- High Quality
- Long warranty



Main Component List



Tripsolar Carport II Solution (Al6005-T5)



Technical Parameter

Installation Site	Open Field
Foundation	Concrete Bars
Panel Orientation	Landscape/Portrait
Tile Angle	0-15 degree
Max Wind Speed	Up to 60 m/s
Snow Load	Up to 1.4kn/m2
Main Material	Aluminum
Anti-corrosive	Anodized
Warranty	Ten years warranty

Feature

- Multiple Application
- Quick Installation
- High Quality
- Low Cost



Main Component List

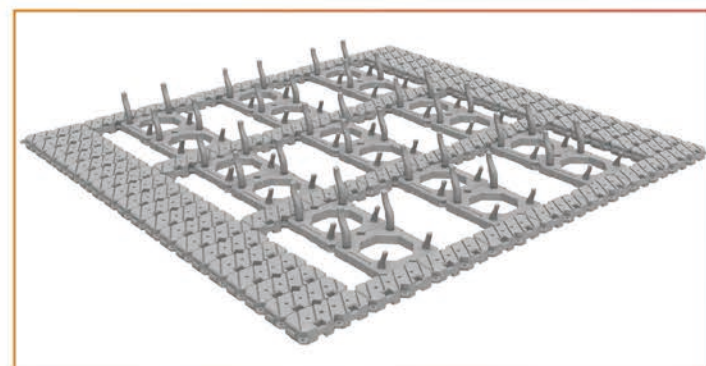




Tripsolar Floating Solar Solution



Tripsolar Floating Solar Solution is a unique, new large-scale solar technology that floating solar can design and install on existing ponds, eliminating the need to use premium land space.



Technical Parameter

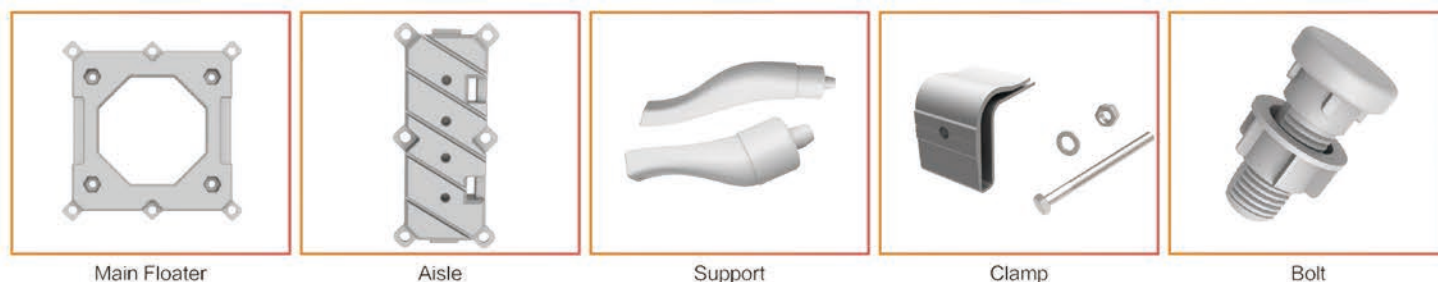
Installation Site	On water
Panel Orientation	Landscape
Tile Angle	15 degree
Max Wind Speed	Up to 40 m/s
Snow Load	Up to 1.4kn/m2
Main Material	HDPE
Color	Natural

Feature

- Environment Friendly
- Easy To Install
- High Productive
- Long warranty



Main Component List



Tripsolar Floating Application & Package



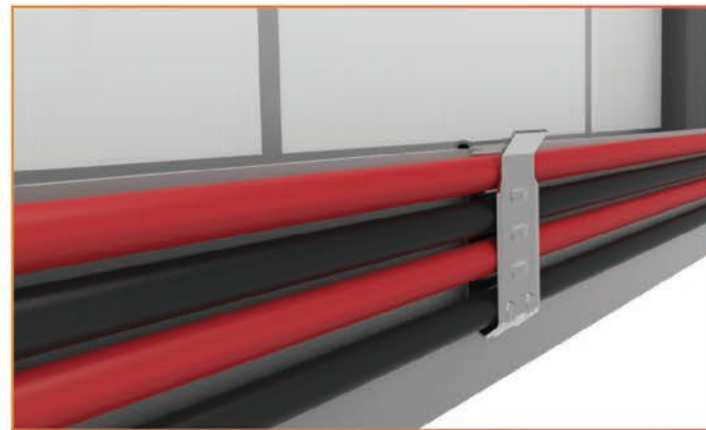
2MW Floating Solar Project

Package





TripSolar Cable Clip



Description

Solar cable clips are easy to install and fit onto a wide range of module frames. Clips can be installed perpendicular on the module frame/rail edge.

Technical Parameter

Main Material	SUS304
Application	Dual or four solar cables
Warranty	Ten years warranty
Duration	25 years life span

Related Products



TP-CC-001



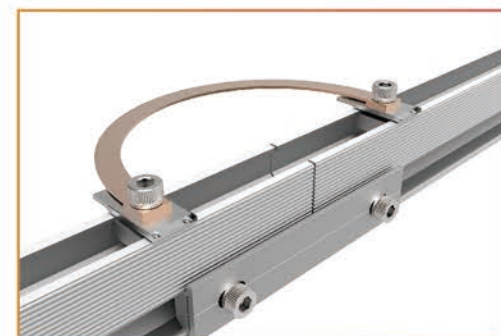
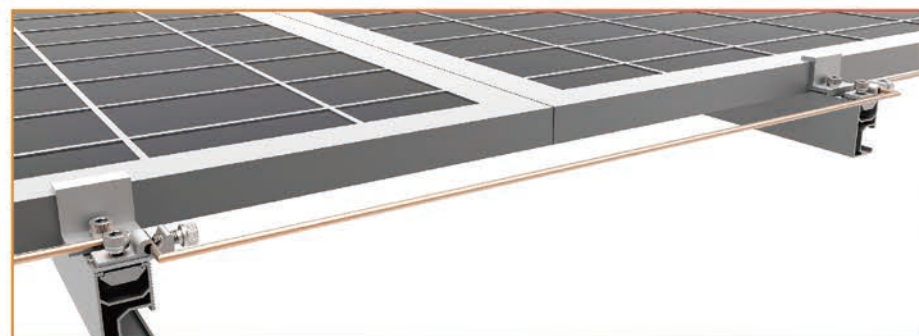
TP-CC-002



TP-CC-003

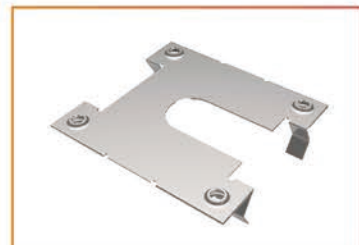


TripSolar Grounding System



Grounding system is designed to create an electrical path to ground by just bonding earthing clip between PV module and rail, it eliminates the need to run ground wire to each individual module and reduce the amount of labor and materials used in installations.

Related Products



TP-GC-1



TP-GC-2



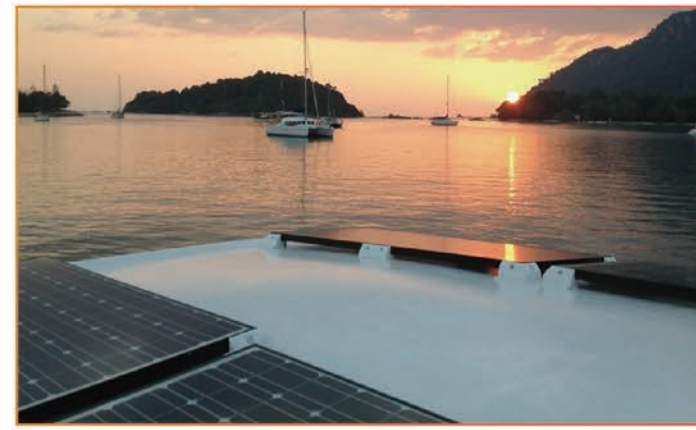
TP-GC-3



TP-GC-4



TripSolar ABS Mounting Bracket



Technical Parameter

Applications	RV, Vehicles, Caravan, Motorhome, Boat, Flat surface
Material	ABS(plastic)
Color	White&Black&Customized
Certificate	SGS
Solar panel	Framed Panel



Feature

- Quick Installation
- UV resistance
- High Productive
- Safety bonded to the surface removing the need to drill holes



Corner Mounts



TP-ABS-001

Side Mounts



TP-ABS-007

Cable Entry Gland



TP-ABS-005



TP-ABS-002



TP-ABS-008



TP-ABS-006



Tripsolar Long Bar Mounting Bracket



Description

The long bar brackets can be used with any aluminum framed solar panel to provide a secure fixing for vehicles, caravans, boats, outbuildings etc. The mounts will support the solar panel at the optimum height above the surface to enable aeration from underneath, ensuring the solar panel functions as efficiently as possible.

Feature

- Quick Installation
- UV resistance
- High productive
- Safety bonded to the surface removing the need to drill holes
- White, black color or customized



TP-ABS-009



TP-ABS-010



Aluminum TP-AMB-01



Aluminum TP-AMB-02



Tripsolar Aluminum Z Bracket

Description

The aluminum Z mounting bracket is designed to support the installation of single solar panel units, generally in off-grid installations. These units are ideal for installation on RV roofs and non-inhabited dwellings such as sheds or garages. It is also suited as attachment to a user made structure such as a wooden frame.

Feature

- Mounts panels to RVs, trailers, boats, yachts or flat surface.
- Pre-assembled with bolts and washers.
- Aluminum corrosion-free construction.
- Ideal for mounting small solar panels.
- Perfect for irregular surfaces.



TP-LKR01



TP-LKR02



TP-LKR03



TP-LKR04





Tripsolar MC4 Solar Connector

Specification

Rated Current	30A/50A	Contact Resistance Of Plug Connectors	0.5mΩ
Rated Voltage	1500V DC(IEC) 800V DC(UL)	Contact Material	Copper,tin plated
Ambient Temperature Range	-40℃~+90℃(IEC)	Locking System Plug Connectors	Snap-in(nur/only MC4)
Degree Of Protection	IP67 mated IP2X unmated	Cable Size	2.5mm2,4mm2,6mm2



Note

date: _____