

Xiamen Bristar Technology Co., Ltd.

Website: www.bristarsolar.com

Address: Unit 1603-3, 63 XiXi ShanWei Road, Software Park Phase III, Jimei District, Xiamen China

Tel: +8618650007009

Email: ada@bristarxm.com



XIAMEN BRISTAR TECHNOLOGY



Leader in solar stand solutions

COMPANY PROFILE

Our History

Bristar has focused on top quality solar mounting structures for over 10 years in China. After many years of hard work by our team, today, we have been one of the top producers of quality solar mounting racking brackets.

Our Factory

Bristar is located in Chinese beautiful port city Xiamen. Since founded in 2014, we own an excellent team that is more than 100 employees, and occupy nearly 3000 square's land.

As a global supplier in solar mounting structures, solar racking brackets, solar panel clamps and other structural components, Bristar is to create added value for customers around the world.

Production Equipment

We mainly have equipments: 100T Oil Hydraulic Press, Punching Machine, Steel Plate Shearer, Bending Machine, Automatic Welding Machine, Shrink Tube Machine, Turning Lathe, Milling Machine, Carbon Steel Forming Machine ECT.

Production Market

We have customers from both domestic market and overseas market. Bristar Sales managers can speak fluent English for good communication. Our main sales market:

North America 25.00%

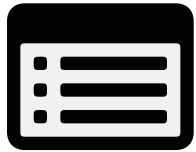
Europe 15.00%

Africa 25.00% Asia 20.00%

Mid East 15.00%

Our service

We provide solar panel mounting solutions which includes design, manufacture and installation guide according to client's requests.



COTATALOG

3~6

Metal Foof Series

7~8

Tile Roof Series

9~12

Flat Roof Series

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Roof Accessories

15~18

Ground Solar Mounting Series

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Solar Carport System

25~26

RV series & ABS Series

27~28

Balcony Solar Mount

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Cable Clip

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Ground Screw

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Global Projects

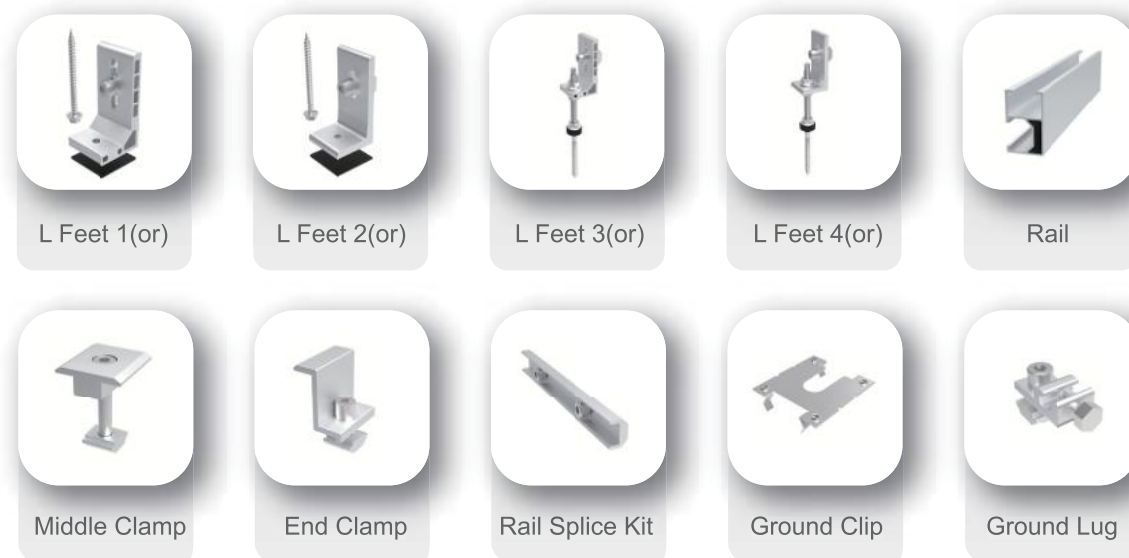
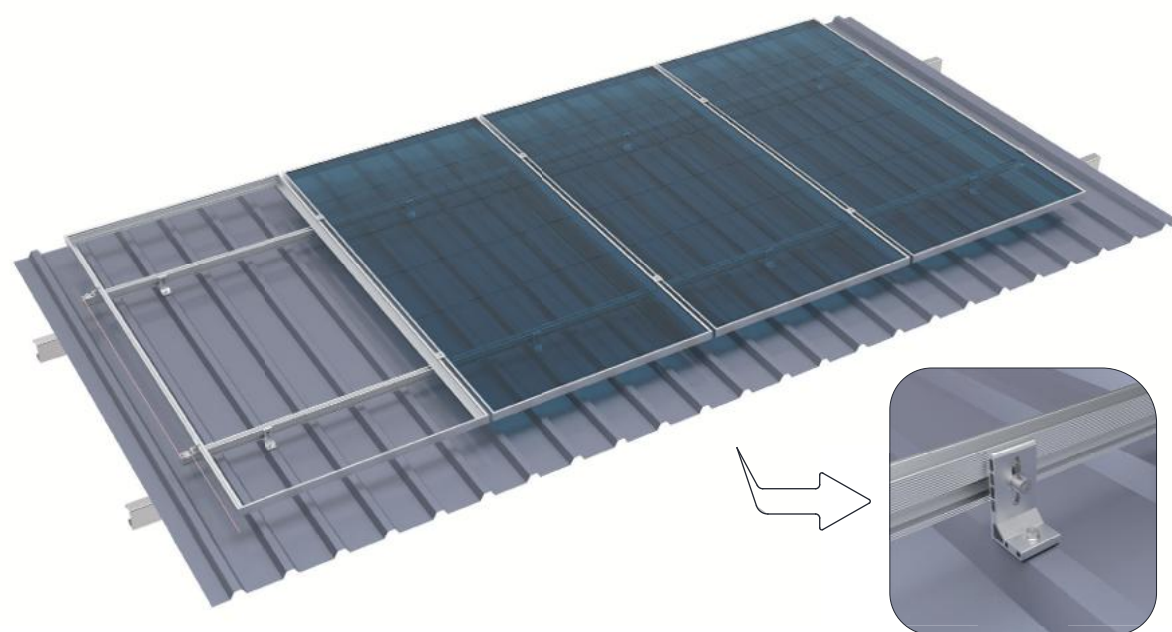


ROOF MOUNT SYSTEM

Xiamen Bristar Technenology Co.,Ltd



Metal Foof L-Foot Series

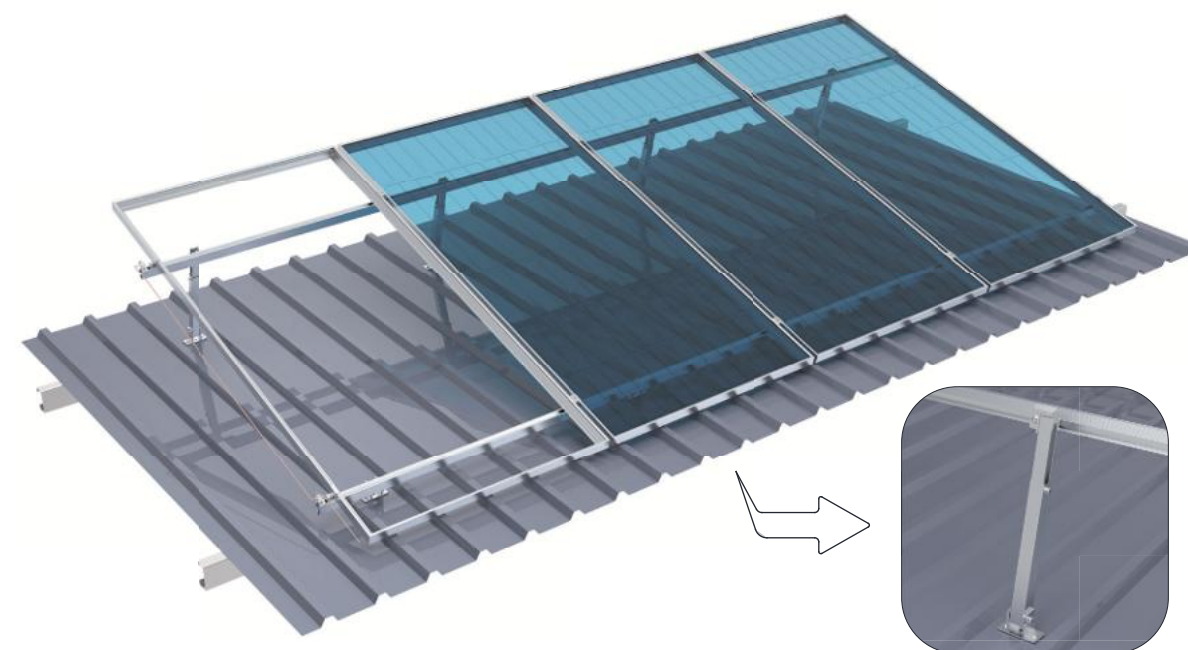


Technical Details

Installation site	Metal Roof
Wind load	≤60m/s
Snow load	≤1.6KN/m ²
Material	AL6005-T5 and SUS 304
Quality assurance	Quality Warranty 12 years,Service life of 25 years
Applicable standard	AS NZ 1170, And other national standards



Adjustable From And Rear Leg Series



Technical Details

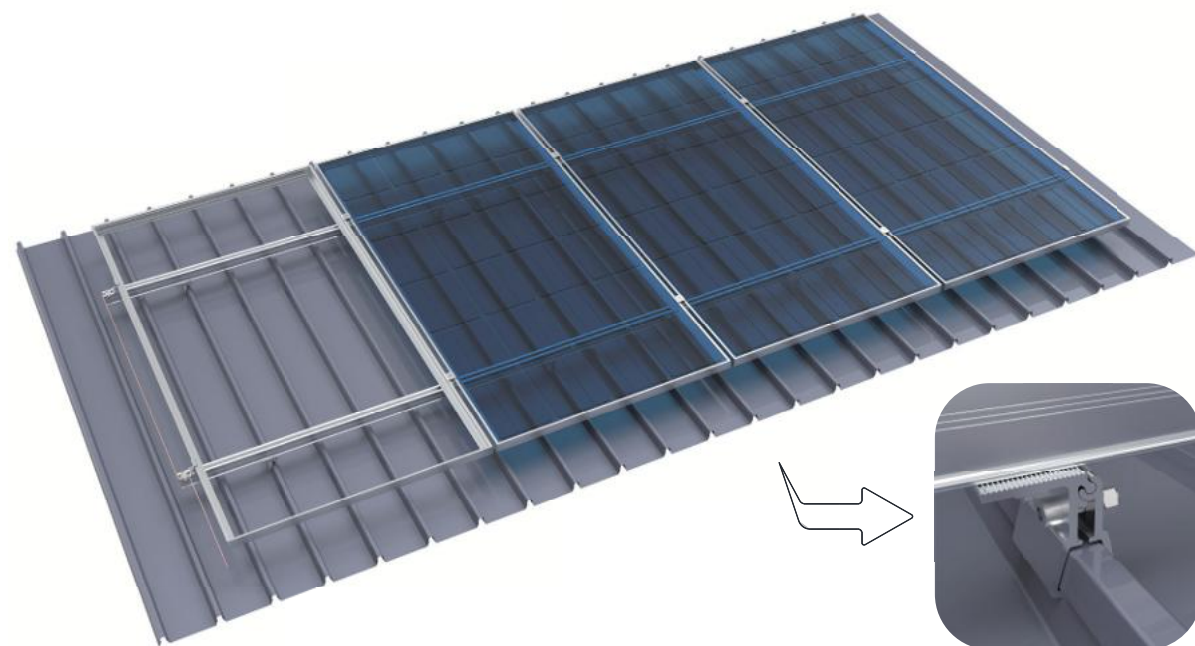
Installation site	Metal Roof
Wind load	≤60m/s
Snow load	≤1.6KN/m ²
Material	AL6005-T5 and SUS 304
Quality assurance	Quality Warranty 12 years,Service life of 25 years
Applicable standard	AS NZ 1170, And other national standards



ROOF MOUNT SYSTEM



Metal Foof Hook Serise - H-Rail



Clamp 1(or)



Clamp 2(or)



Clamp 3(or)



Clamp 4(or)



Rail



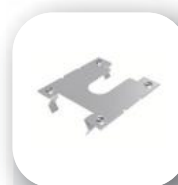
Middle Clamp



End Clamp



Rail Splice Kit



Ground Clip



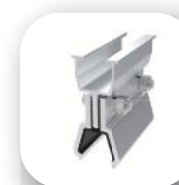
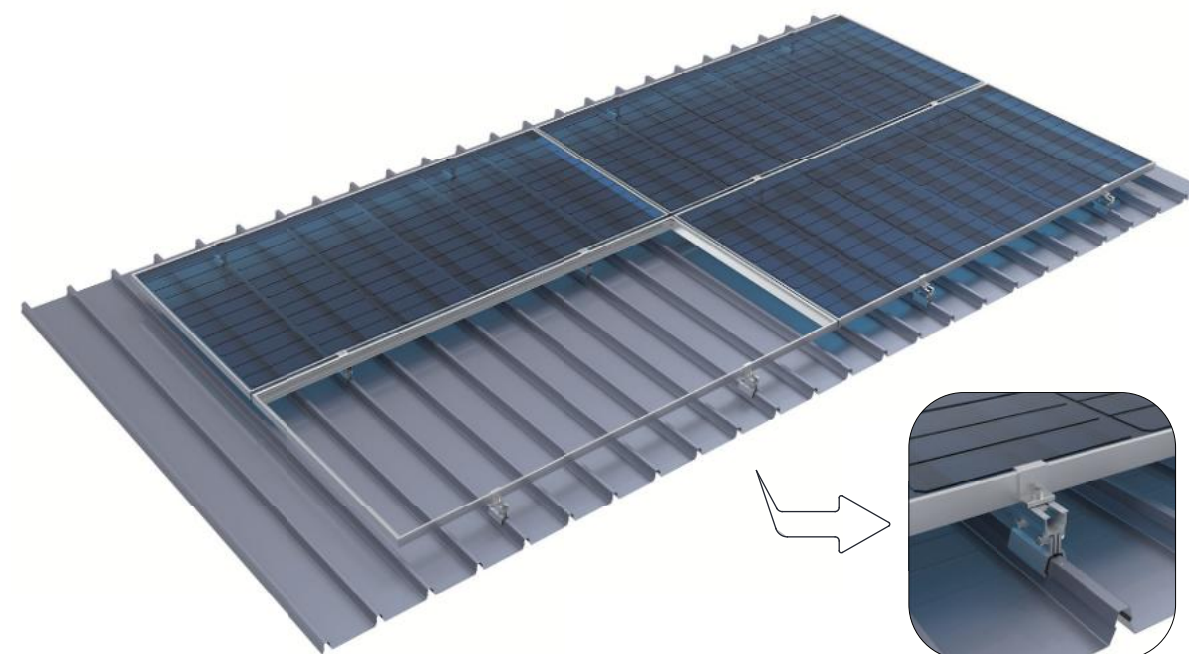
Ground Lug

Technical Details

Installation site	Metal Roof
Wind load	$\leq 60\text{m/s}$
Snow load	$\leq 1.6\text{KN/m}^2$
Material	AL6005-T5 and SUS 304
Quality assurance	Quality Warranty 12 years, Service life of 25 years
Applicable standard	AS NZ 1170, And other national standards



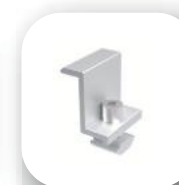
Metal Foof Hook Serise - No Rail



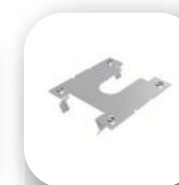
Hook 5



Middle Clamp



End Clamp

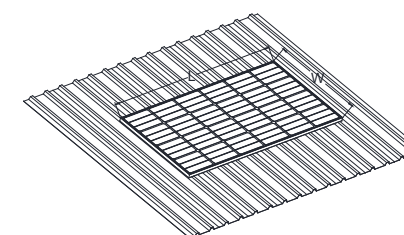


Ground Lug



Ground Clip

Note: This installation method is only suitable for horizontal placement



Technical Details

Installation site	Metal Roof
Wind load	$\leq 60\text{m/s}$
Snow load	$\leq 1.6\text{KN/m}^2$
Material	AL6005-T5 and SUS 304
Quality assurance	Quality Warranty 12 years, Service life of 25 years
Applicable standard	AS NZ 1170, And other national standards

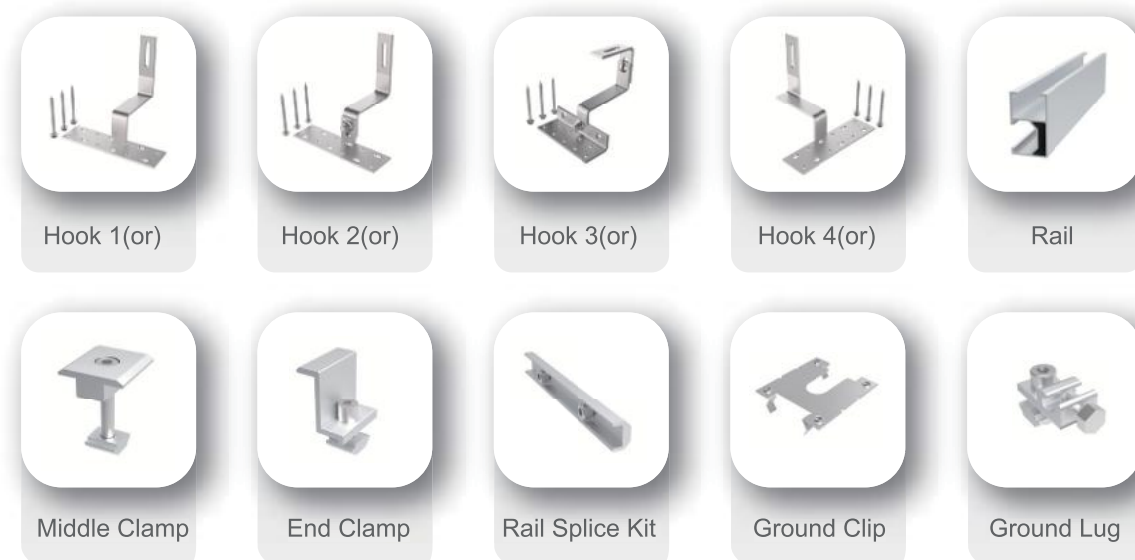
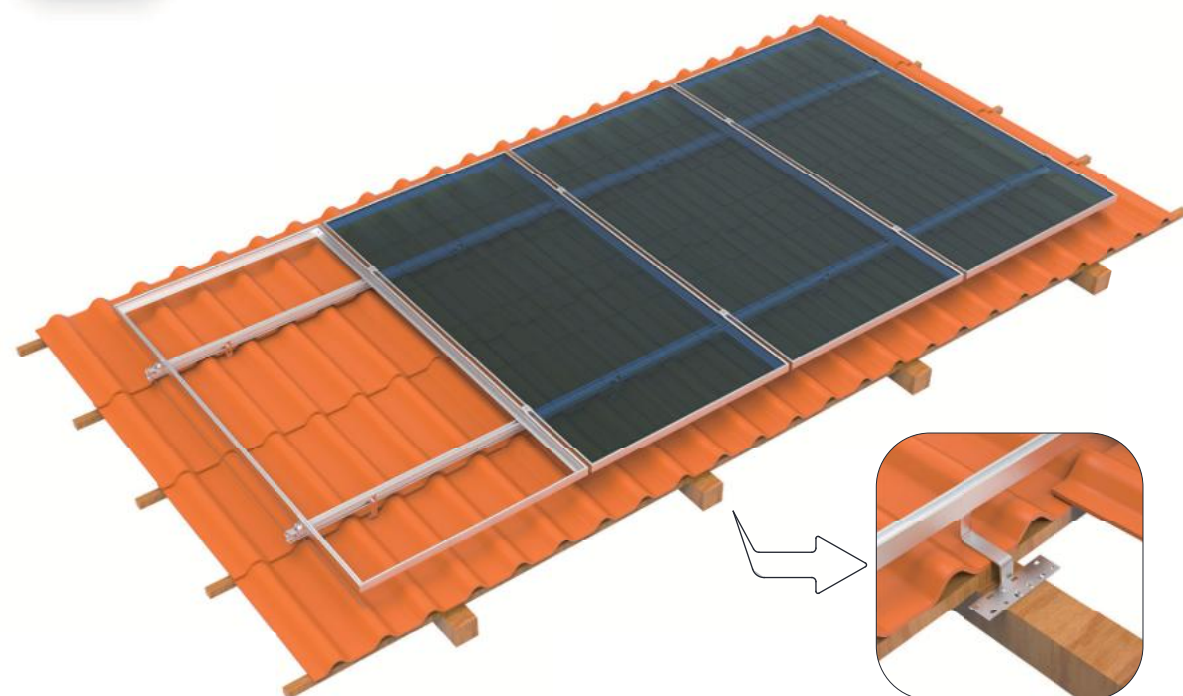


ROOF MOUNT SYSTEM

Xiamen Bristar Technolgy Co.,Ltd



Pitched Tile Roof Series

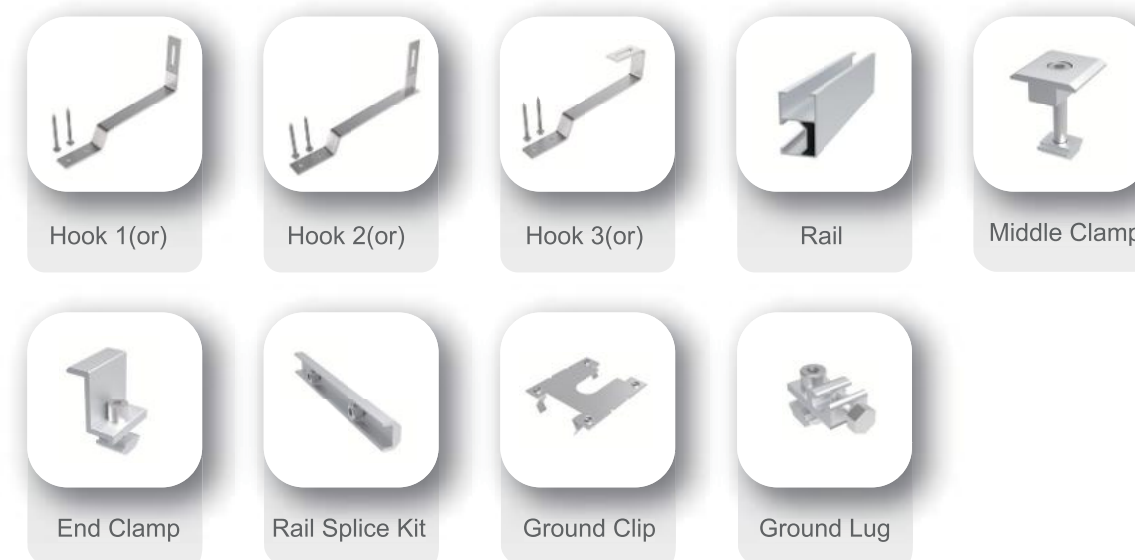
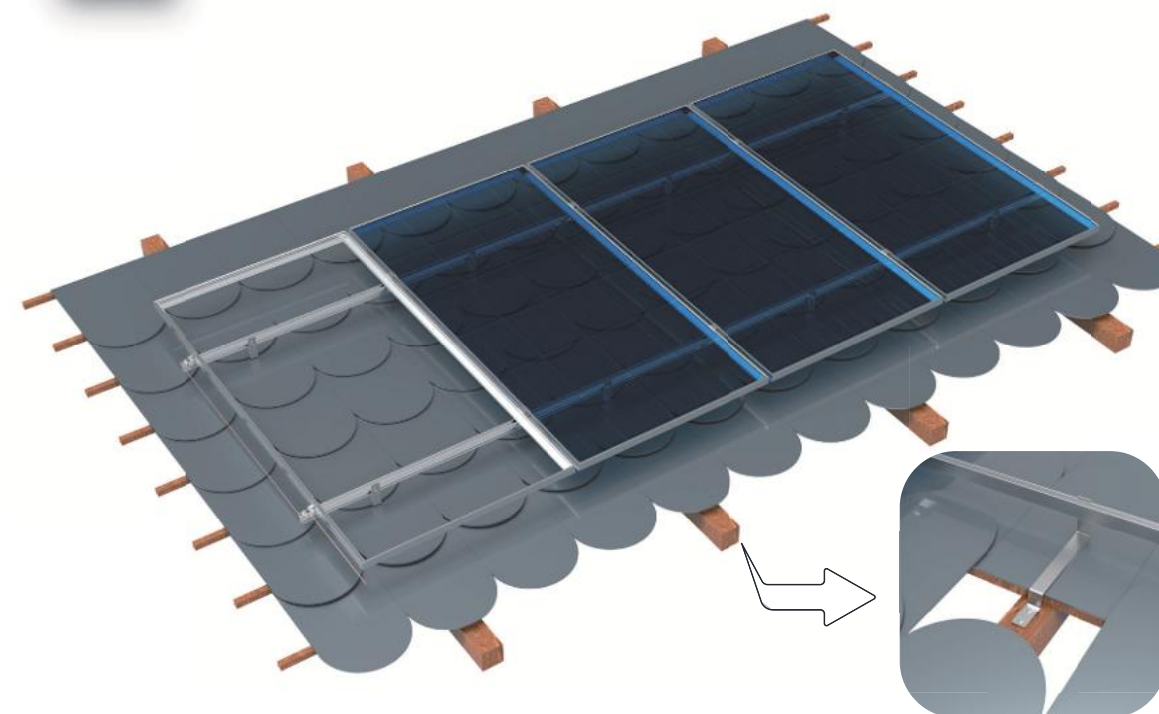


Technical Details

Installation site	Flat tile roof
Wind load	$\leq 60\text{m/s}$
Snow load	$\leq 1.6\text{KN/m}^2$
Material	AL6005-T5 and SUS 304
Quality assurance	Quality Warranty 12 years,Service life of 25 years
Applicable standard	AS NZ 1170, And other national standards



Flat Tile Roof Series



Technical Details

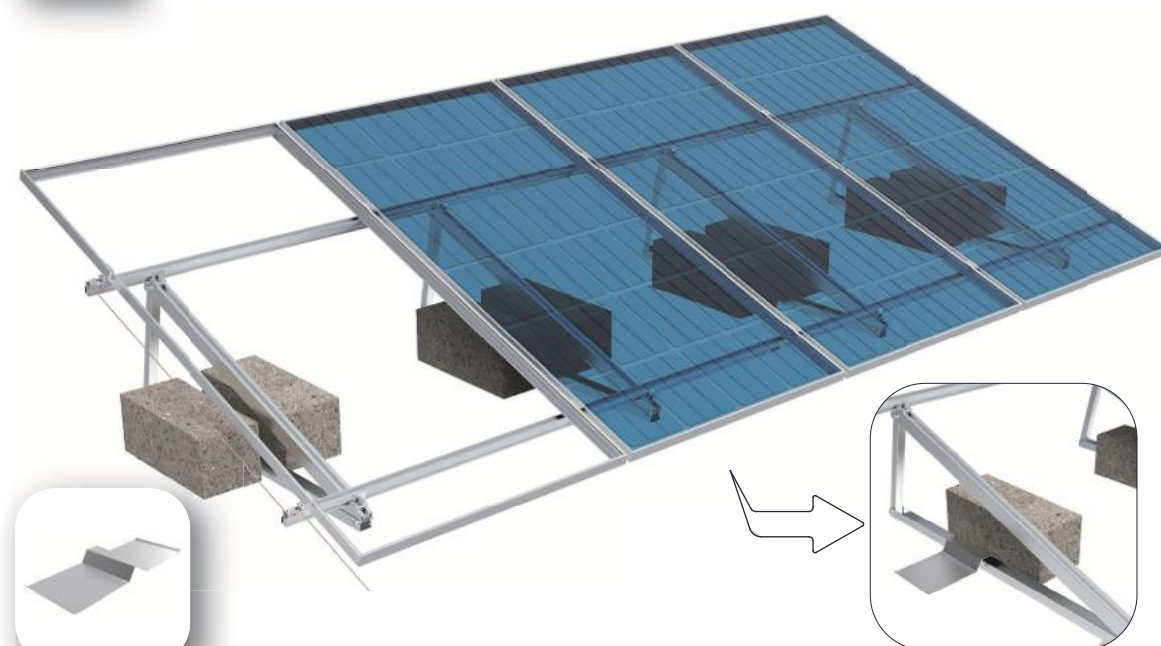
Installation site	Flat tile roof
Wind load	$\leq 60\text{m/s}$
Snow load	$\leq 1.6\text{KN/m}^2$
Material	AL6005-T5 and SUS 304
Quality assurance	Quality Warranty 12 years,Service life of 25 years
Applicable standard	AS NZ 1170, And other national standards



ROOF MOUNT SYSTEM

Xiamen Bristar Techenology Co.,Ltd

Flat Roof Mounting Series-Ballast Rack1



Ballasted Strip



Top Beam



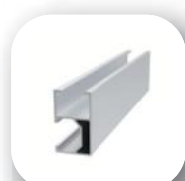
Bottom Beam



Diagonal Brace



Rail Clamp



Rail



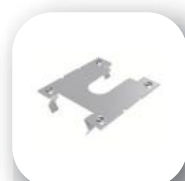
Middle Clamp



End Clamp



Rail Splice Kit



Ground Clip

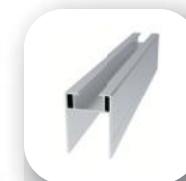
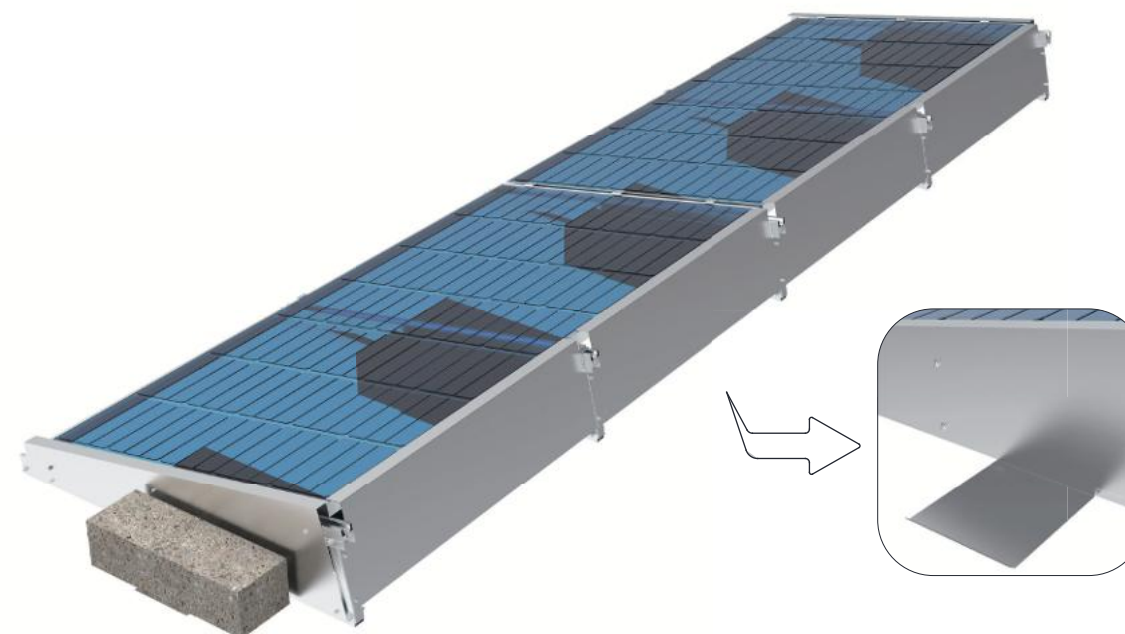


Ground Lug

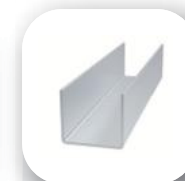
Technical Details

Installation site	Concrete roof
Wind load	$\leq 60\text{m/s}$
Snow load	$\leq 1.6\text{KN/m}^2$
Material	AL6005-T5 and SUS 304
Quality assurance	Quality Warranty 12 years, Service life of 25 years
Applicable standard	AS NZ 1170, And other national standards

Flat Roof Mounting Series-Ballast Rack2



Top Beam



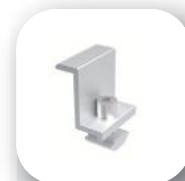
Bottom Beam



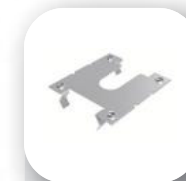
Diagonal Brace



Middle Clamp



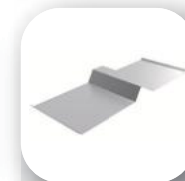
End Clamp



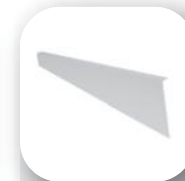
Ground Lug



Ground Clip



Ballasted Strip



Wind Deflector



Wind Deflector

Technical Details

Installation site	Concrete roof
Wind load	$\leq 60\text{m/s}$
Snow load	$\leq 1.6\text{KN/m}^2$
Material	AL6005-T5 and SUS 304
Quality assurance	Quality Warranty 12 years, Service life of 25 years
Applicable standard	AS NZ 1170, And other national standards



ROOF MOUNT SYSTEM

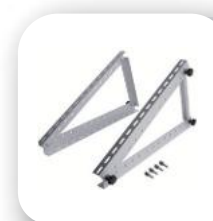
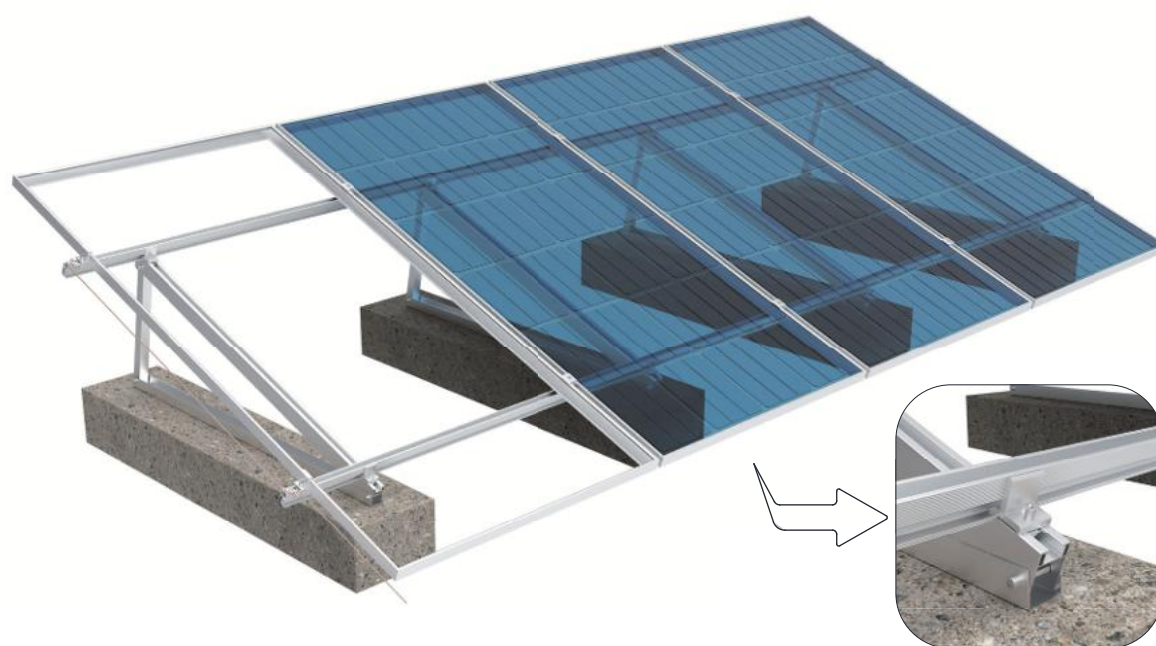
Xiamen Bristar Technolgy Co.,Ltd



Flat Roof Mounting Series-Ballast Rack3



Portable Bracket



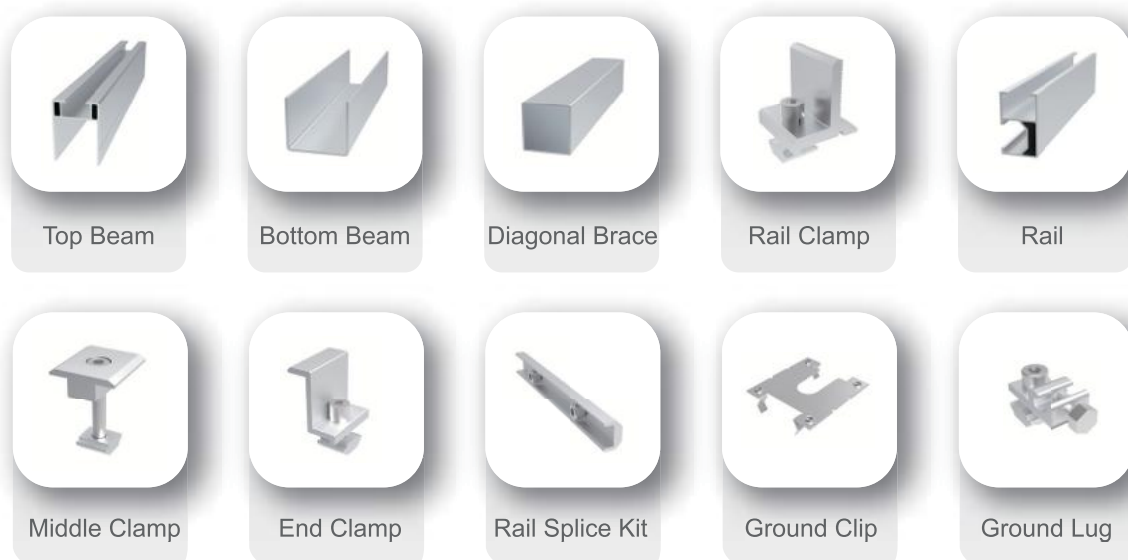
Type
Size
Parts

AD Tri-bracket
22/28/41/45 inches
Tri-bracket x2 M6 Bolt group X4



Type
Size
Parts

Adjustable Front And Rear Leg
10°~15°/15°~30°/30°~60°
AD Front Leg x2 AD Rear Leg X2



Technical Details

Installation site	Cement roof
Wind load	≤60m/s
Snow load	≤1.6KN/m²
Material	AL6005-T5 and SUS 304
Quality assurance	Quality Warranty 12 years,Service life of 25 years
Applicable standard	AS NZ 1170, And other national standards

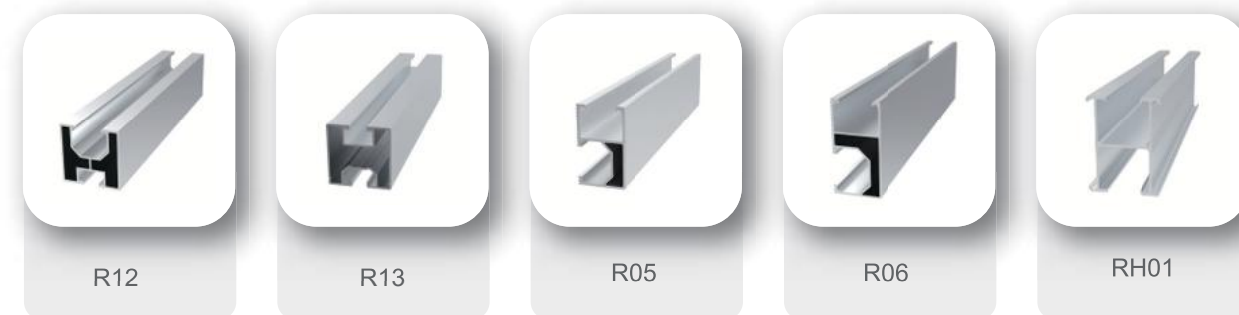
Technical Details

Installation site	Cement roof / Ground / Metal Roof
Wind load	≤50m/s
Snow load	≤1.2KN/m²
Material	AL6005-T5 and SUS 304
Quality assurance	Quality Warranty 12 years,Service life of 25 years
Applicable standard	AS NZ 1170, And other national standards

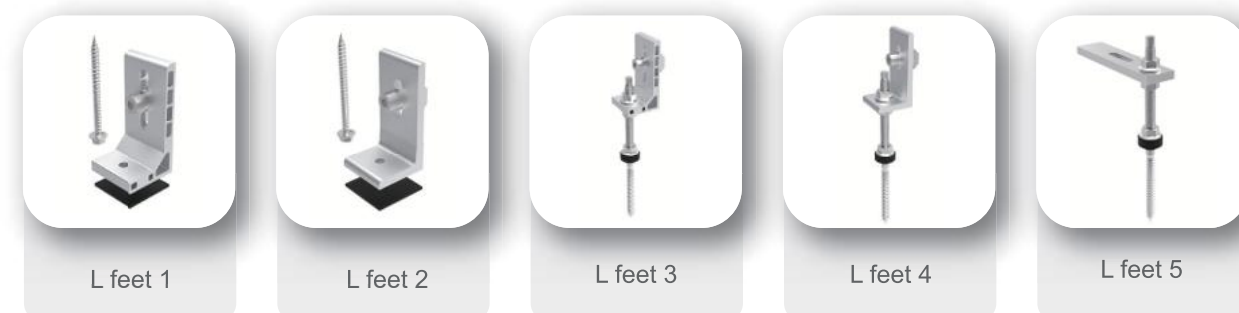


ROOF ACCESSORIES

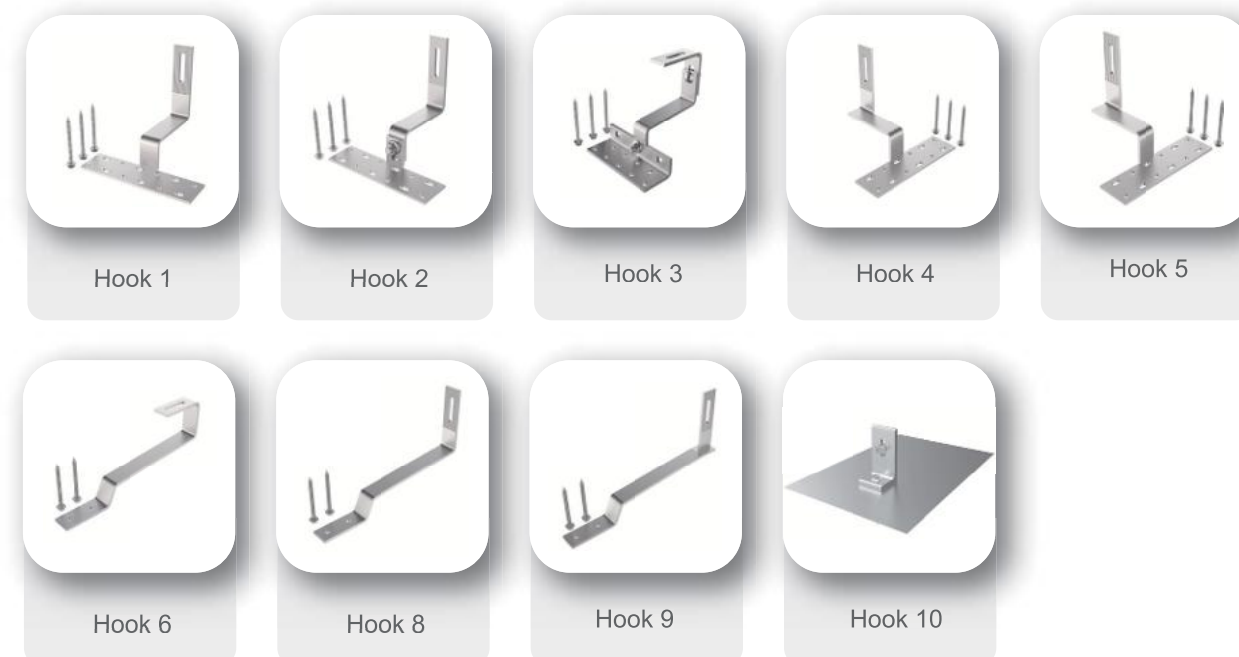
Roof Rail Series



L feet Series



Roof Hook Series



Metal Roof Clamp Series



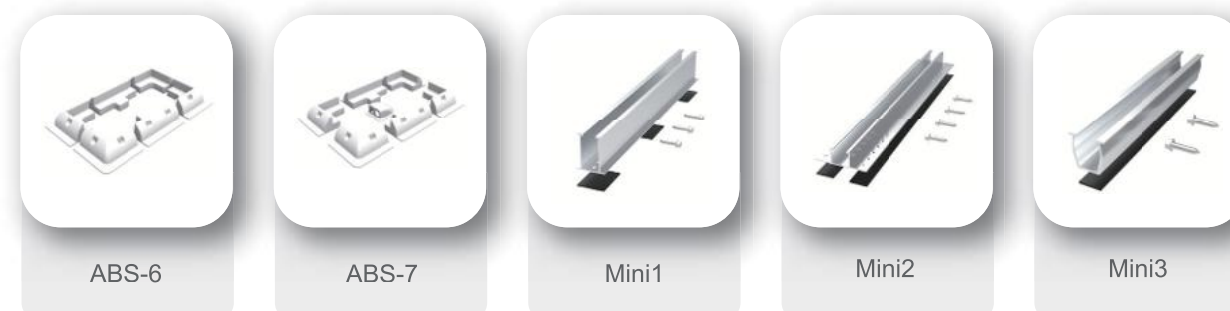
Xiamen Bristar Techenology Co.,Ltd



RV series

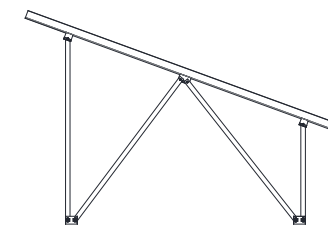
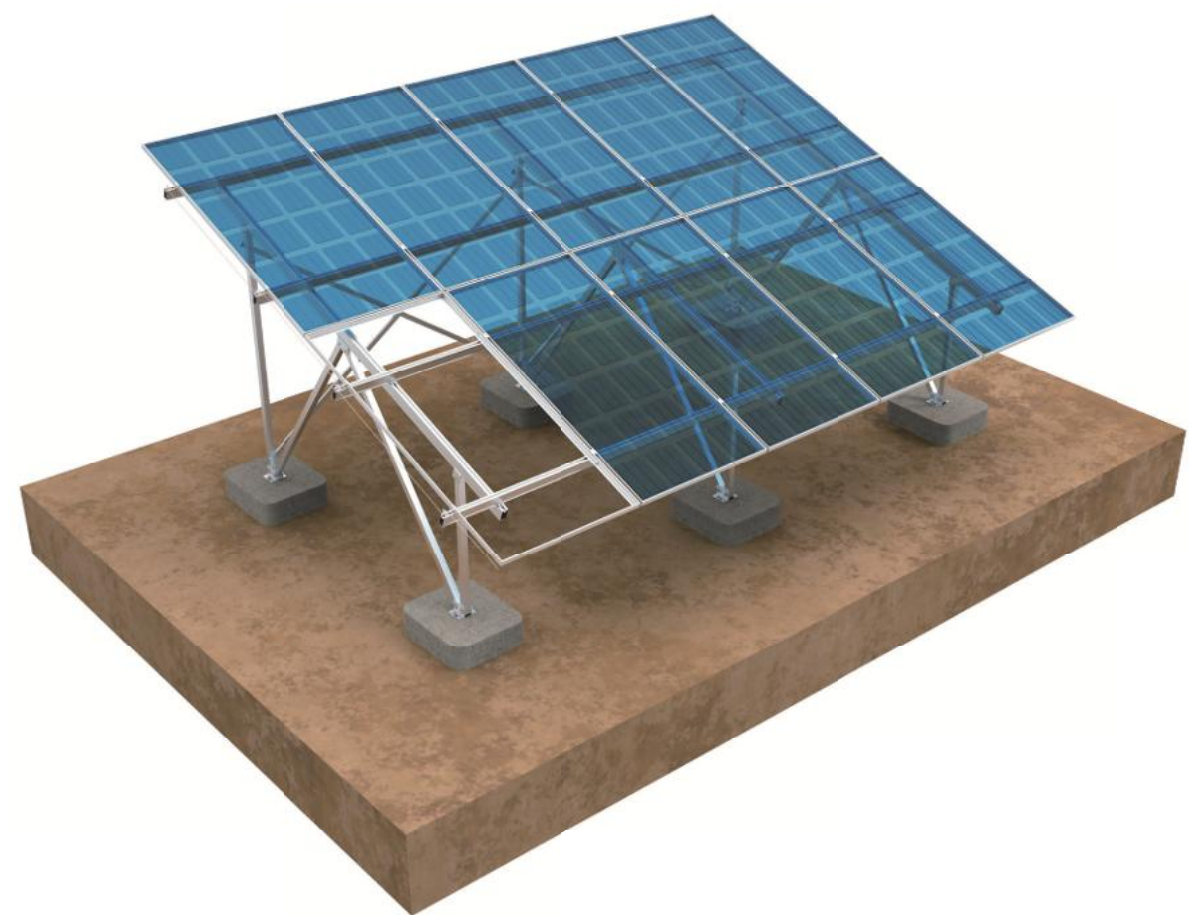


Mini Rail Series

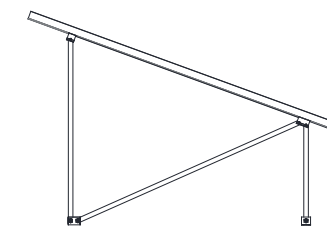


Other

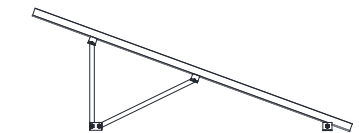




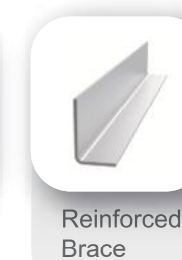
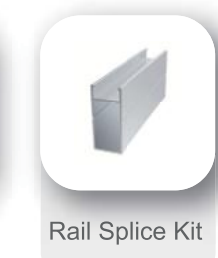
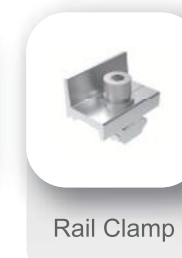
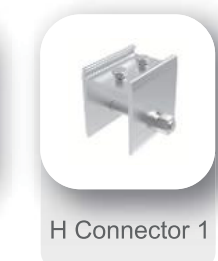
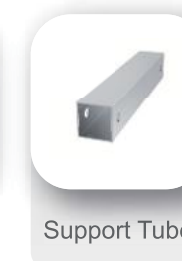
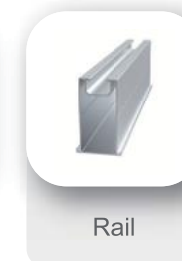
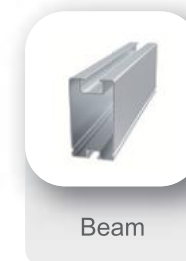
W-shaped structure



N-shaped structure

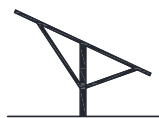


A-shaped structure



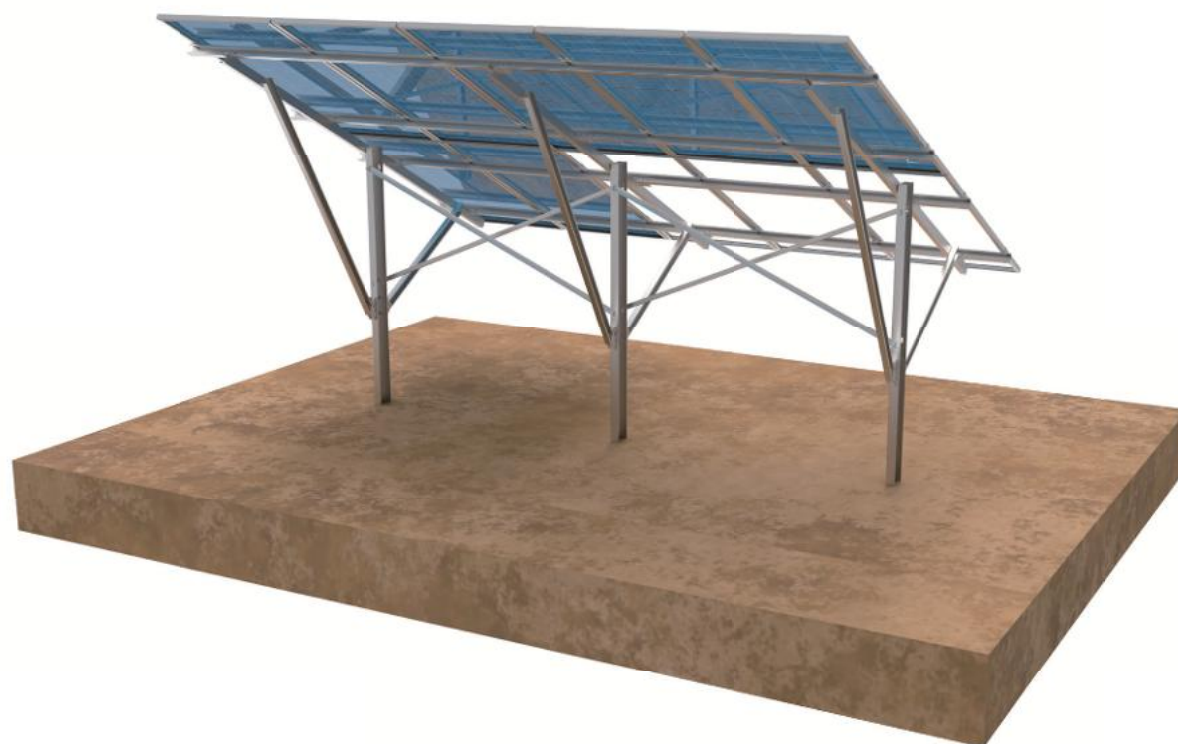
Technical Details

Installation site	Ground
Wind load	≤60m/s
Snow load	≤1.6KN/m²
Material	AL6005-T5 and SUS 304
Quality assurance	Quality Warranty 12 years,Service life of 25 years
Applicable standard	AS NZ 1170, And other national standards

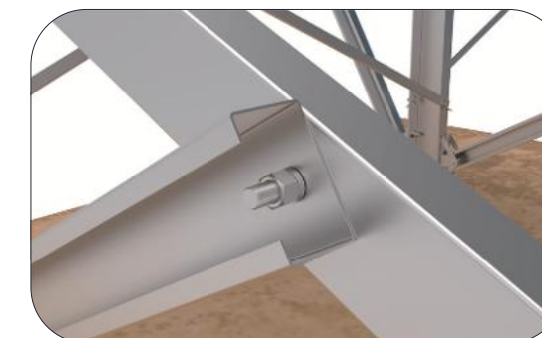


GROUND SOLAR MOUNTING SERIES

Xiamen Bristar Technology Co.,Ltd



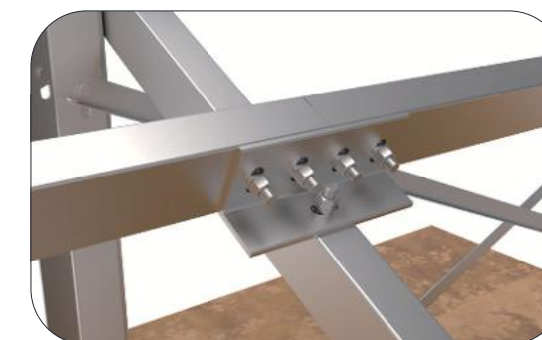
Brace-Column



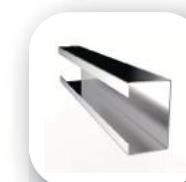
Brace-Beam



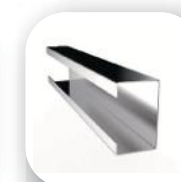
Beam-Column



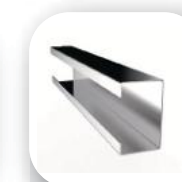
Rail Splice Kit



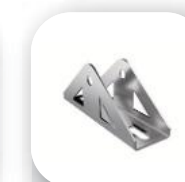
Beam



Rail



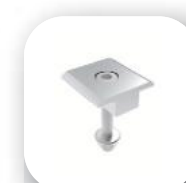
Brace



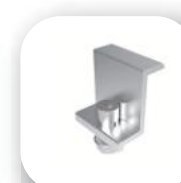
connector



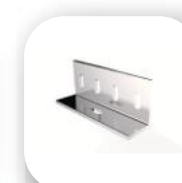
Column



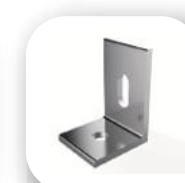
Middle Clamp



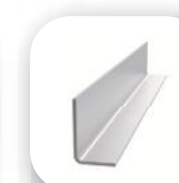
End Clamp



Rail Splice Kit



Fixings



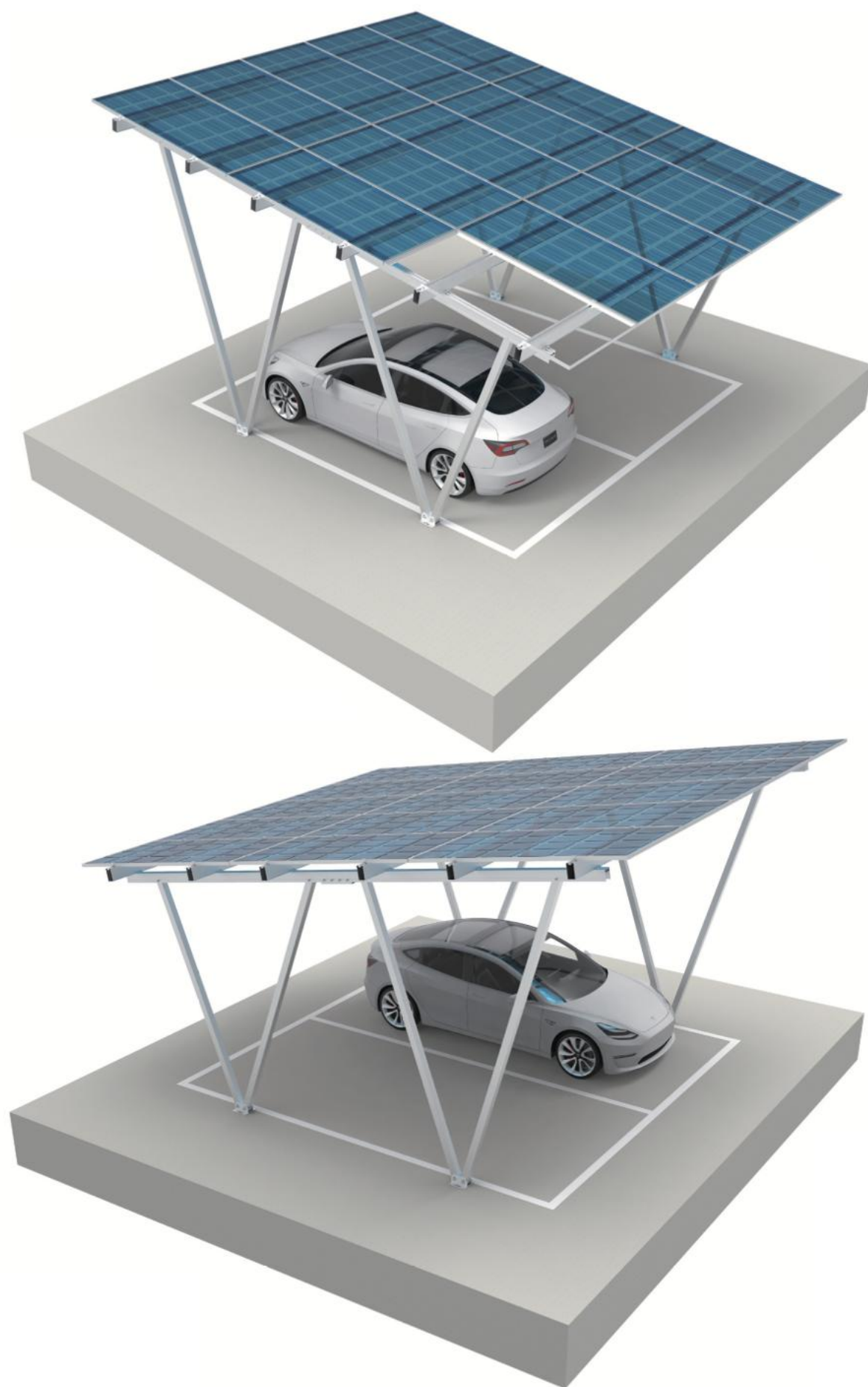
Reinforced
Brace

Technical Details

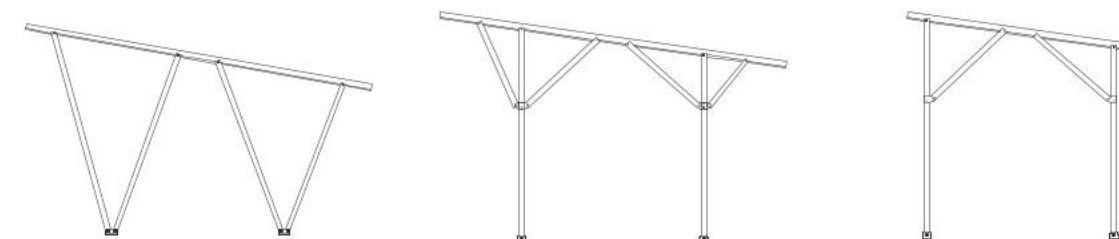
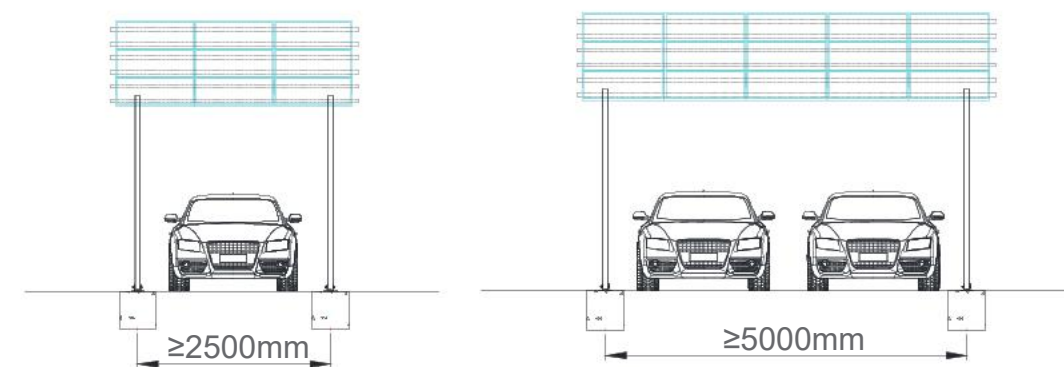
Installation site	Ground
Wind load	≤60m/s
Snow load	≤1.6KN/m ²
Material	Galvanized steel/ZMA-Steel
Quality assurance	Quality Warranty 12 years,Service life of 25 years
Applicable standard	AS NZ 1170, And other national standards



SOLAR CARPORT SYSTEM



Xiamen Bristar Techenology Co.,Ltd



W-shaped structure Y1-shaped structure Y2-shaped structure



Technical Details

Wind load
Snow load
Material
Quality assurance
Applicable standard

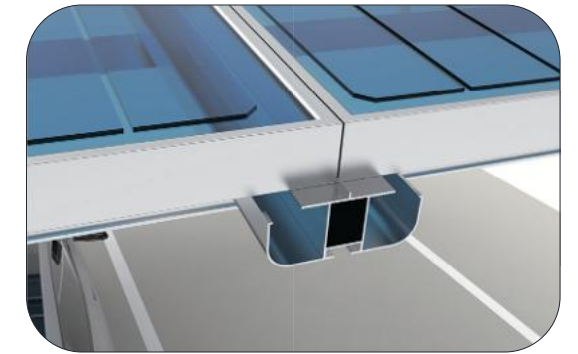
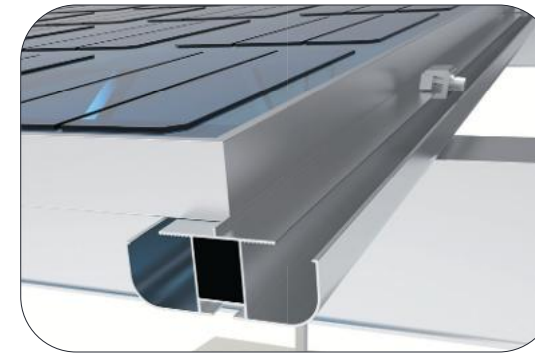
≤40m/s
≤1.4KN/m²
AL6005-T5 and SUS 304
Quality Warranty 12 years,Service life of 25 years
AS NZ 1170, And other national standards



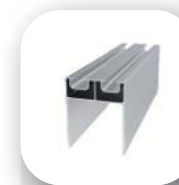
SOLAR CARPORT SYSTEM



Xiamen Bristar Technenology Co.,Ltd



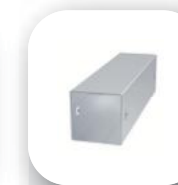
This structure has excellent waterproof effect



Beam



Rail



Support Tube



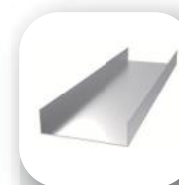
Large Base



Rail Clamp



Waterproof Guide Rail



Water Channel



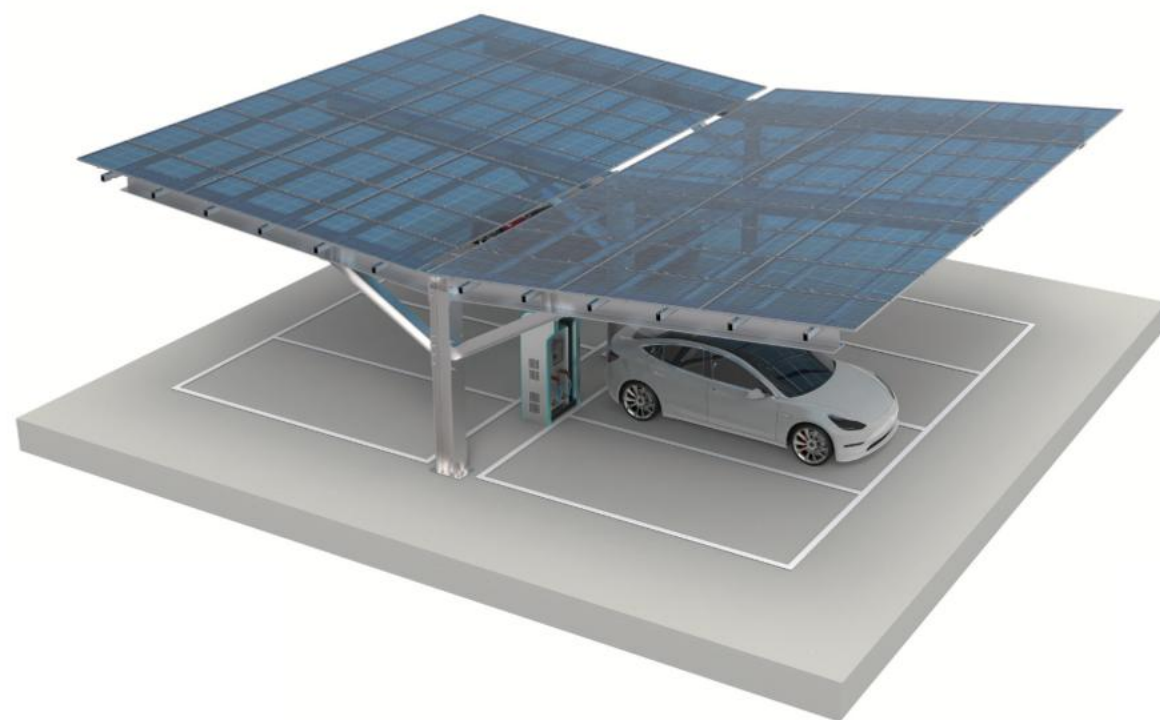
PV Clamp

Technical Details

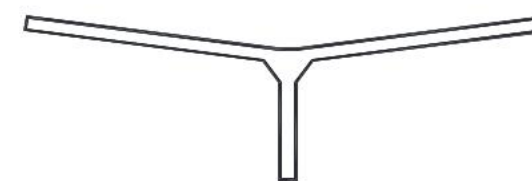
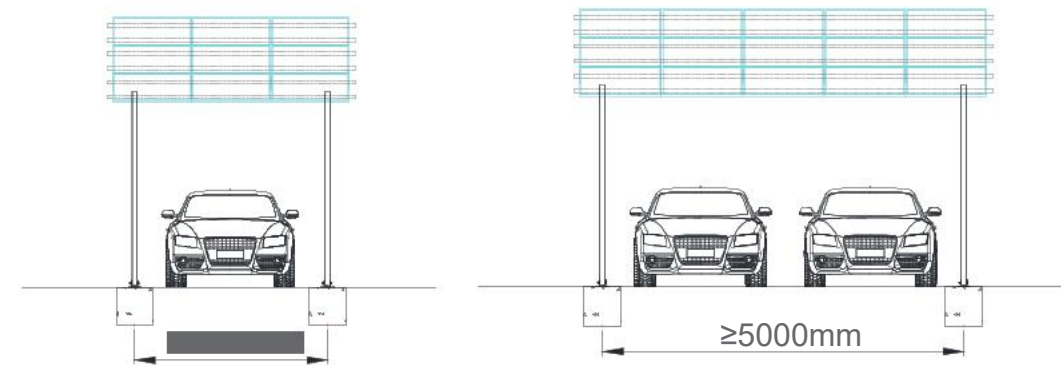
Installation site	Ground
Wind load	$\leq 40\text{m/s}$
Snow load	$\leq 1.4\text{KN/m}^2$
Material	AL6005-T5 and SUS 304
Quality assurance	Quality Warranty 12 years, Service life of 25 years
Applicable standard	AS NZ 1170, And other national standards



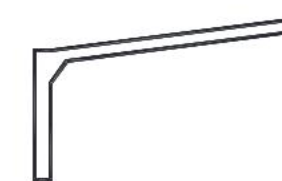
SOLAR CARPORT SYSTEM



Xiamen Bristar Techenology Co.,Ltd



Y-shaped structure



7-shaped structure



Technical Details

Wind load
Snow load
Material
Quality assurance
Applicable standard

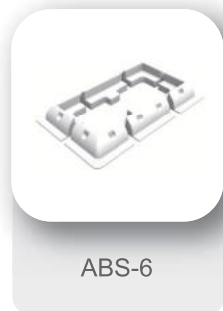
≤60m/s
≤1.6KN/m²
Galvanized steel/ZMA-Steel
Quality Warranty 12 years,Service life of 25 years
AS NZ 1170, And other national standards



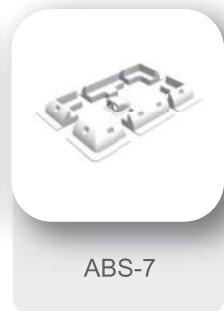
RV SERIES & ABS SERIES



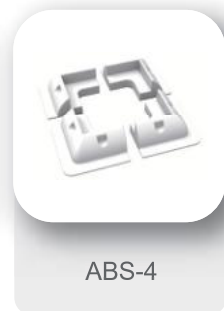
RV-ezMount



ABS-6



ABS-7



ABS-4



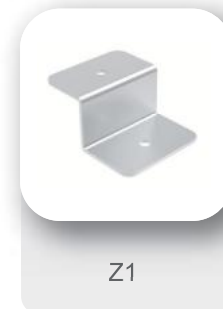
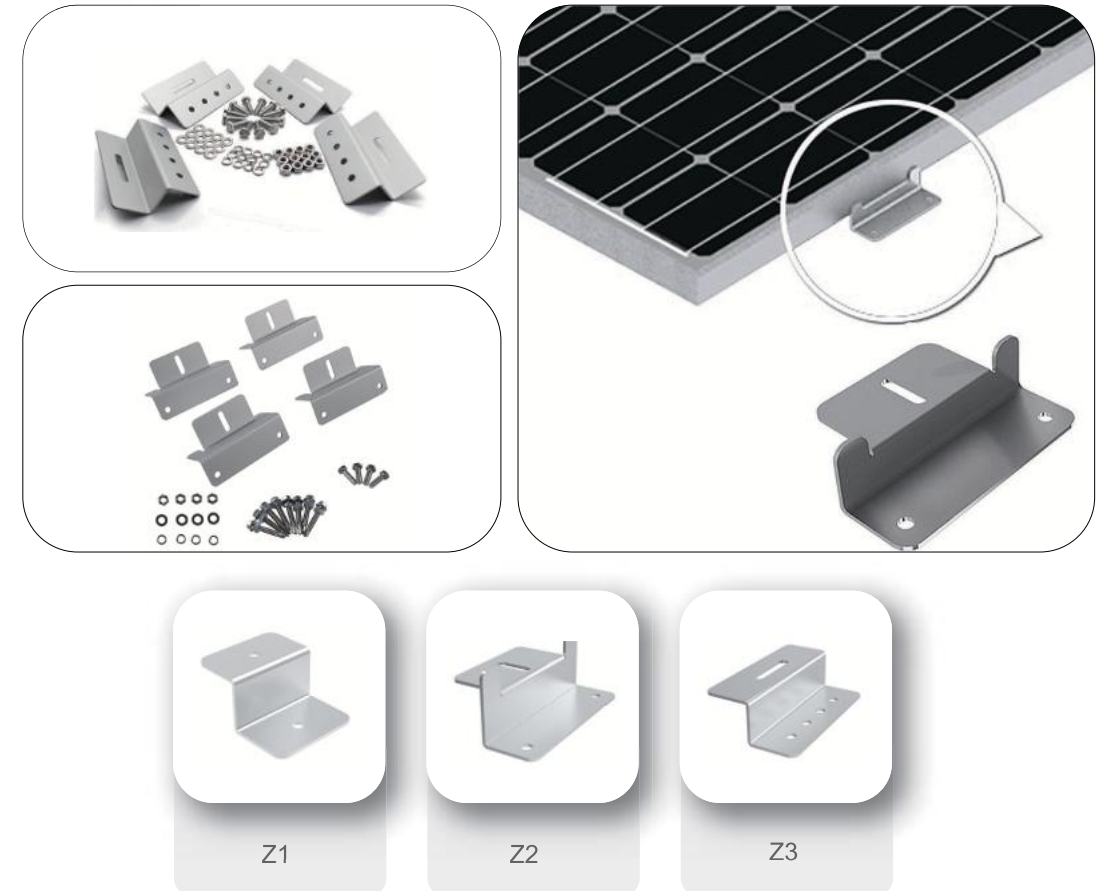
ABS-5

Technical Details:

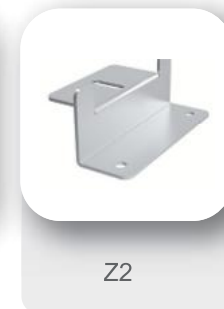
- 1.The product is made of ABS plastic, enhanced with UV stabilizers, ensuring superior ultraviolet resistance and a prolonged service life.
- 2.It employs an adhesive installation method, providing a secure and aesthetically pleasing appearance while allowing for easy disassembly.
- 3.The design effectively protects the corners of components from damage, ensuring durability and longevity.
- 4.Installation does not require drilling, preventing any damage to the roofs of RVs or the decks of yachts.



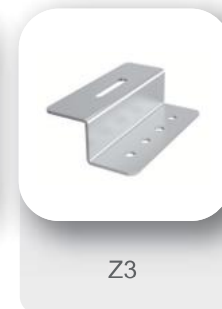
Z-shaped Bracket



Z1



Z2



Z3



ABS Ballast Bracket



Technical Details:

- 1.Crafted from high-strength, eco-friendly plastics, offering excellent weather resistance and corrosion resistance, suitable for diverse climatic conditions.
- 2.Precision-engineered for straightforward assembly, optimizing time and cost efficiencies.
- 3.Conforms to environmental standards, promoting the adoption of clean energy solutions.
- 4.Suitable for both rooftop and ground-mounted PV systems, providing stable support.



BALCONY SOLAR MOUNT



Adjustable Front And Rear Leg



Balcony hook



Fixed Part



AD Rear Leg



Fixed Plate



Fixed Hook

Technical Details

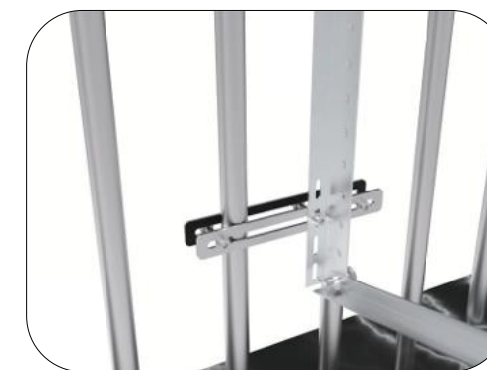
Installation site	Balcony
Wind load	$\leq 50\text{m/s}$
Snow load	$\leq 1.2\text{KN/m}^2$
Material	AL6005-T5 and SUS 304
Quality assurance	Quality Warranty 12 years, Service life of 25 years
Applicable standard	AS NZ 1170, And other national standards



AD Tri-bracket



Balcony hook



Fixed Part



Tri-bracket



Fixed Hook



Fixed Plate

Technical Details

Installation site	Balcony
Wind load	$\leq 50\text{m/s}$
Snow load	$\leq 1.2\text{KN/m}^2$
Material	AL6005-T5 and SUS 304
Quality assurance	Quality Warranty 12 years, Service life of 25 years
Applicable standard	AS NZ 1170, And other national standards



CABLE CLIP



Polyester/Epoxy, Nylon 11



Entirely metallic

Technical Details

Item	Width mm[In.]	Length mm[In.]	Max.Bundle Dia. mm[In.]	Min.Tensile Strength [N]
SCT-4.6X250	4.60[0.181]	250[9.843]	63[2.480]	800
SCT-4.6X300	4.60[0.181]	300[11.811]	76[2.992]	800
SCT-4.6X350	4.60[0.181]	350[13.780]	89[3.504]	800
SCT-4.6X400	4.60[0.181]	400[15.748]	102[4.016]	800
SCT-7.5X300	7.90[0.311]	300[11.811]	76[2.992]	1200
SCT-7.5X350	7.90[0.311]	350[13.780]	89[3.504]	1200

Xiamen Bristar Techenology Co.,Ltd



BRC009-01



BRC009-02



BRC009-03



BRC009-04



BRC009-05



BRC009-06



BRC009-07



BRC009-08



BRC009-09



BRC009-90-1



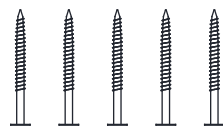
BRC009-90-2



BRC0007

Technical Details:

- 1.The product is made of stainless steel 304 or 316, with strong corrosion resistance.
- 2.Suitable for cables on photovoltaic panels and micro inverter cables.
- 3.Can be used on photovoltaic module frames with a thickness range of 1.0mm to 2.5mm.
- 4.High installation efficiency, convenient and fast.



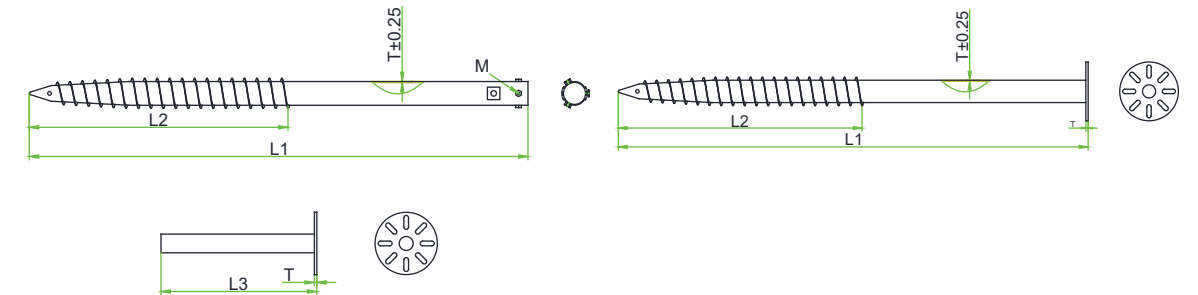
GROUND SCREW

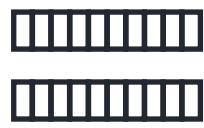


With material Q235 and surface HDG more than 80um, the ground screw has good corrosion resistance. Since it is easy and quick to install and save labor-cost, it has been widely used in ground solar panel mounting system as foundation. We can provide customized size to meet customer's request.

Technical Details

Installation site	All Type of Soil
Pipe Diameter	48~89mm
Pipe Length	600~3000mm
Pipe Thickness	2~4mm
Anti-corrosive Standards	Hot-dip Galvanized GB50021-2001,GB50007-2002,GB50011-2001



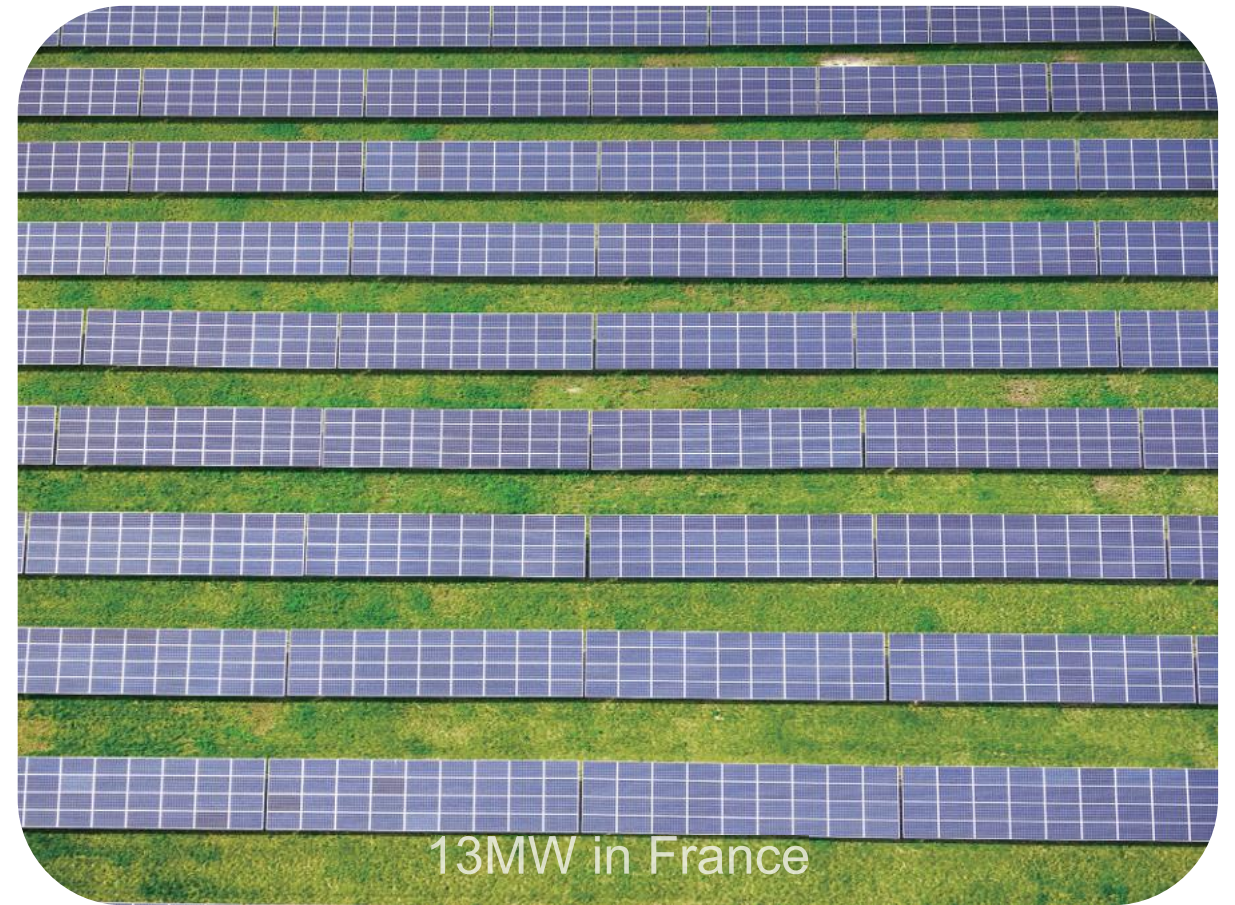


GLOBAL PROJECTS

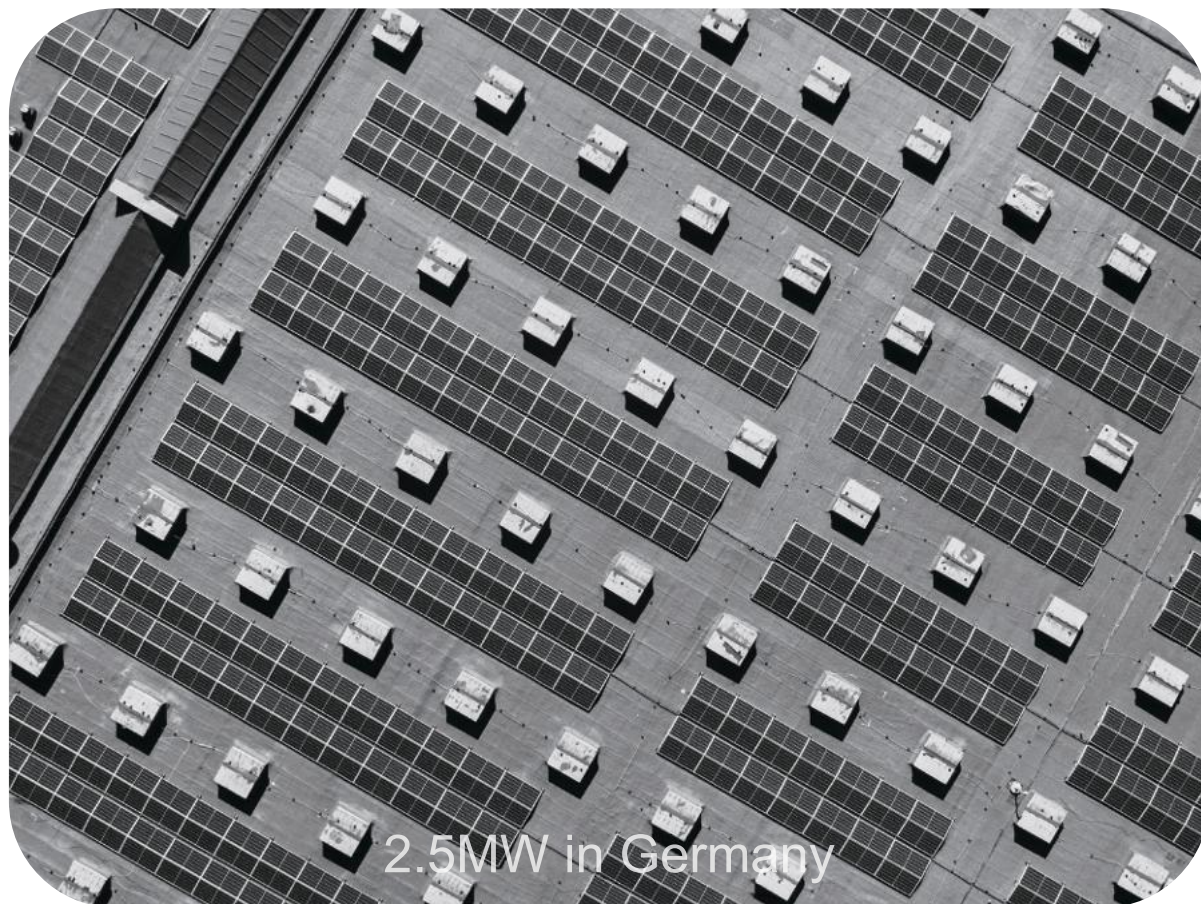
Xiamen Bristar Technology Co.,Ltd



8.8MW in Poland



13MW in France



2.5MW in Germany



27MW in Croatia