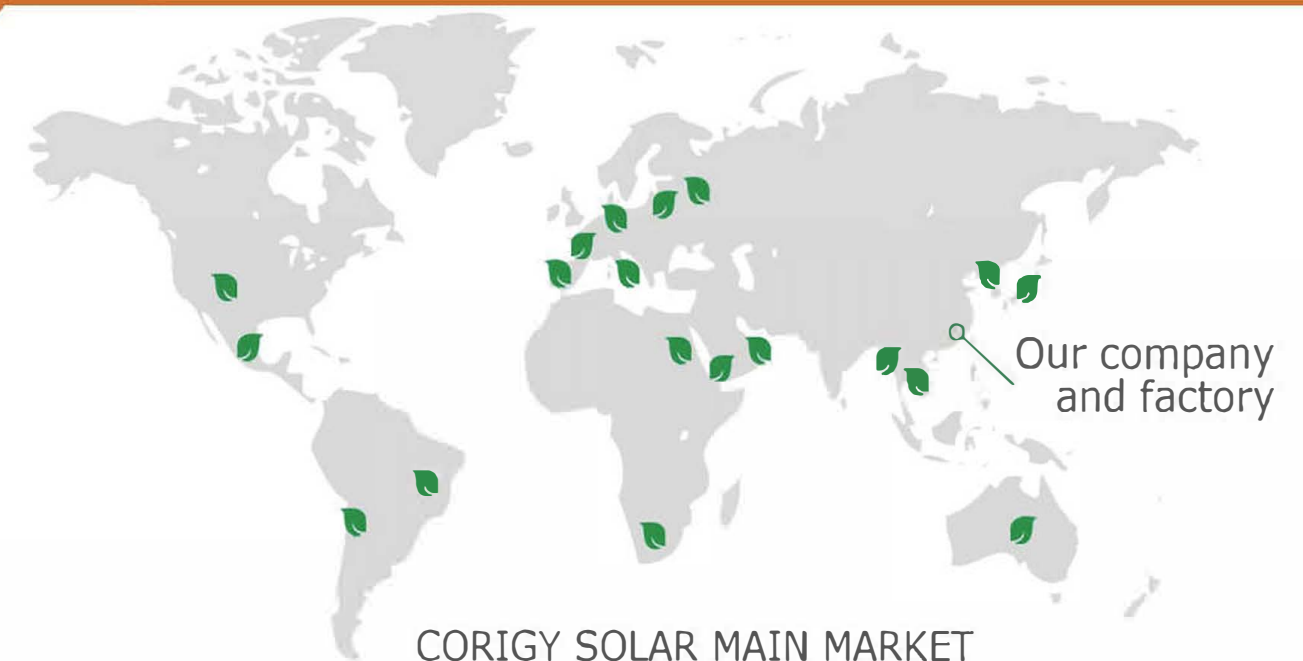
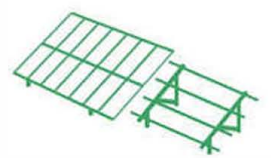


PRODUCT CATALOG



CORIGY SOLAR MAIN MARKET



Ground Mounting System



Roof Mounting System



Carport Mounting System



Floating stand System



Solar Accessories



COMPANY PROFILE

Xiamen Corigy Energy New Technology Co.,Ltd

Xiamen Corigy Energy New Technology Co.,Ltd is a high-tech enterprise specializing in PV mount systems,with R&D, production,sales and service.With its own aluminum extrusion plant, aluminum bracket deep processing plant, Corigy's business has spread all over the country and abroad, and has become China's leading supplier of PV brackets.



R & D TEAM

Corigy members endeavor to supply customers with the simplest,safest, and most efficient & reliable systems.Since establishment,our excellent R&D team has developed dozens of solar products and accessories independently,which have been exported to over 100 countries and regions in the world.While to drive continuous success,we remain investing heavily in research,development,service and our staffs,to improve their comprehensive quality and design the better products for customers with lower cost.



FACTORY

Corigy sets up an international research and development department,with a group of high-tech professional technical elites.We attach great importance to applying high-tech advanced equipment and bringing in high-grade,advanced talented persons,to offer customers kinds of very nice and cost-efficient solar mounting structures to meet their needs and requirements perfectly.

With 12000m² factory area and large company capacity,Corigy has---

- Lab to ensure high quality of raw materials and semi-finished products and finished products,
- Steel factory ----- OEM&ODM orders are acceptable in the factory. The factory is strict on every processing during production to make sure the high quality of the product. Price is favorable to customer.
- Manufacturing factory with advanced cutting machine,eyelet machine and full-auto production line making us to customized produce goods for different customers with different requirements,to meet their needs perfectly.

Production Capacity:Ground Mounting System 100MW/month,Roof Mounting System 150MW/month

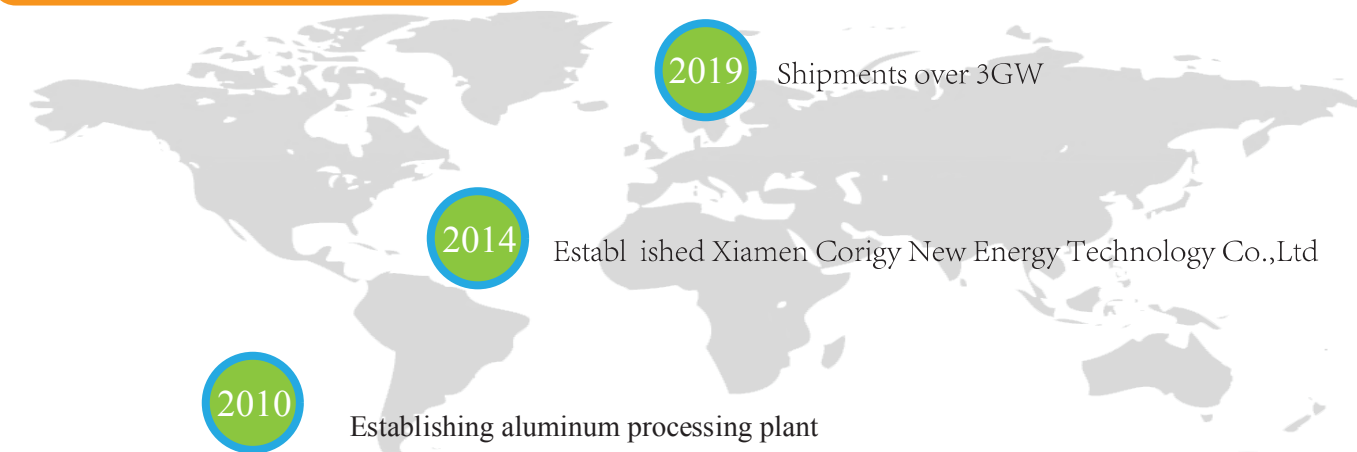
Factory



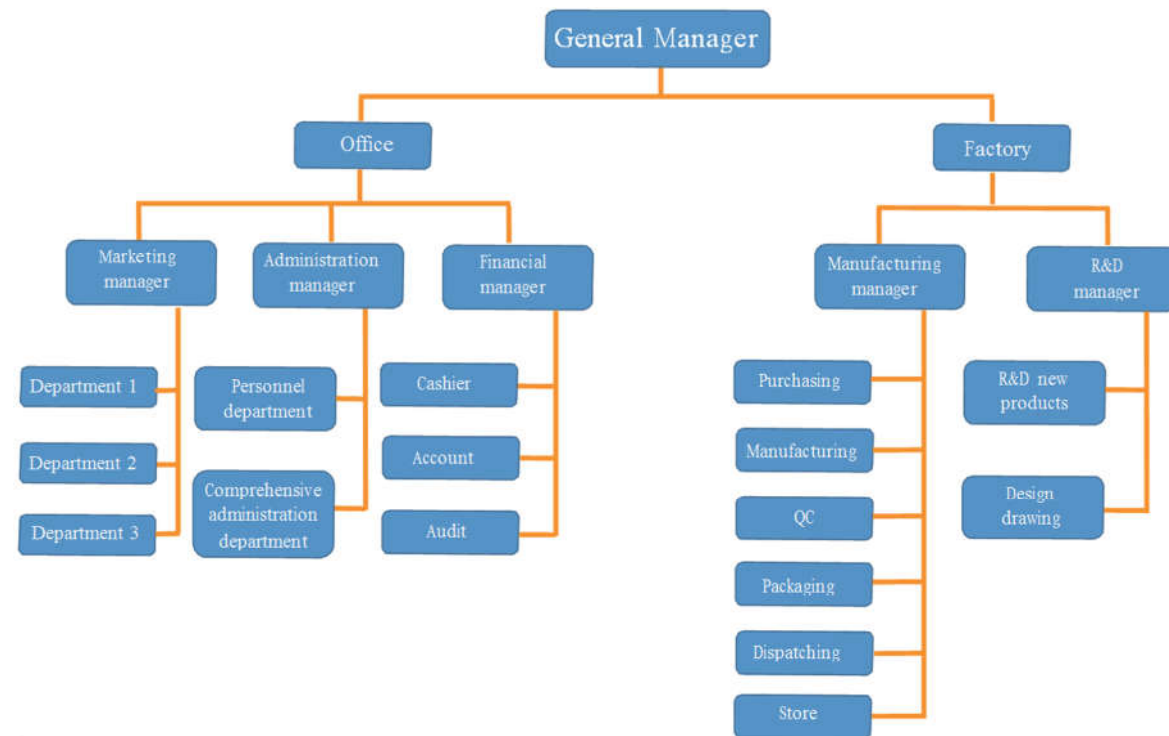
Workshop



Develoment History



CORIGY Organization Structure



Certificates and Patents

Corigy keep endeavoring to research and develop new innovation products with high quality, and since our establishment we awarded many honors from national and international organizations. Like some as below:



CORIGY Scope

Product List



Ground Solar Mount



Metal Roof Solar Mount



Flat Concrete Roof Solar Mount



Tile Roof Solar Mount



Carport Solar Mount



Solar Components

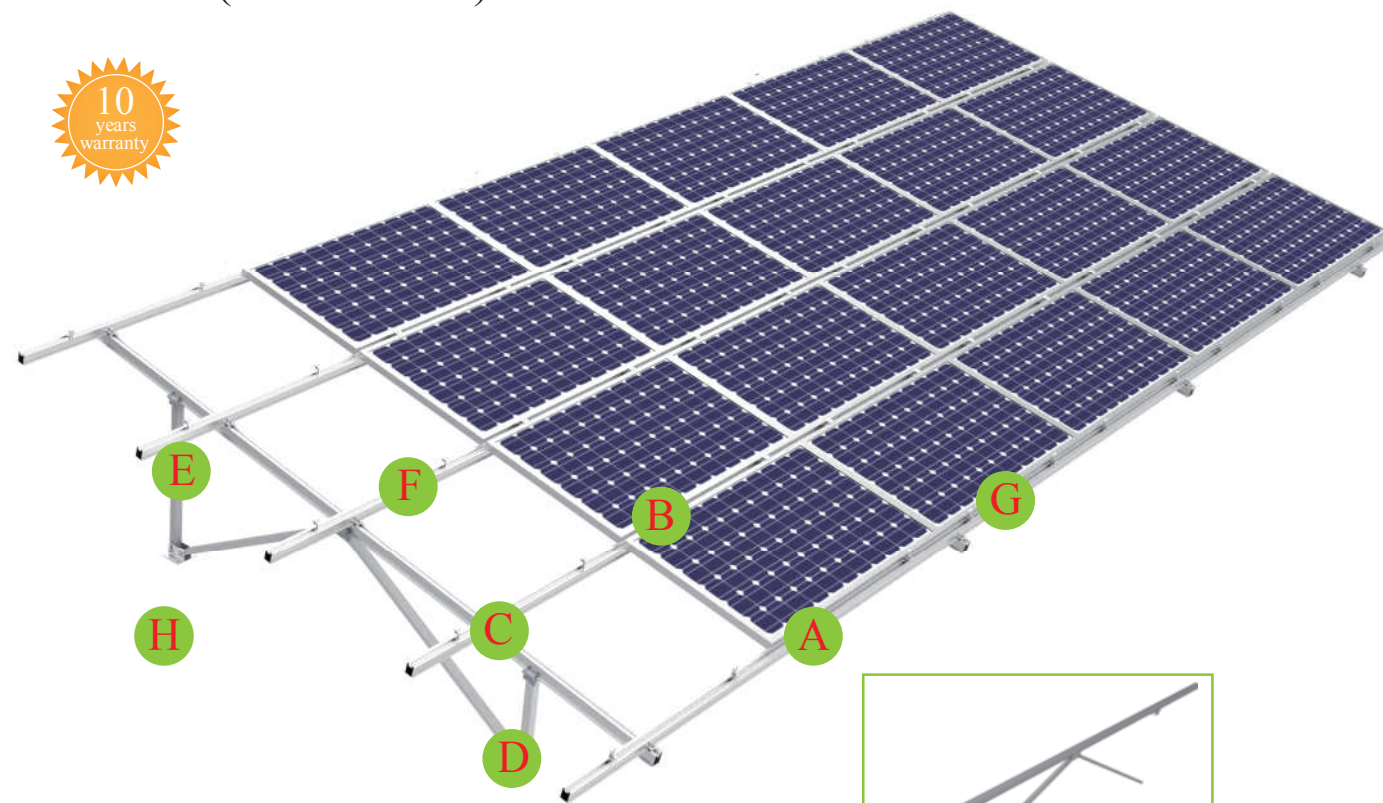
With a group of high-tech professional technical engineer team, Corigy keep researching and developing kinds of solar mounting structures and related accessories with many advantages like advanced design, simple structure, remarkable features, high quality, high safety & stability, easy to install, outstanding durability, cost-efficient, beautiful and others. Our products can suit customers' need perfectly.

Transportation and Package



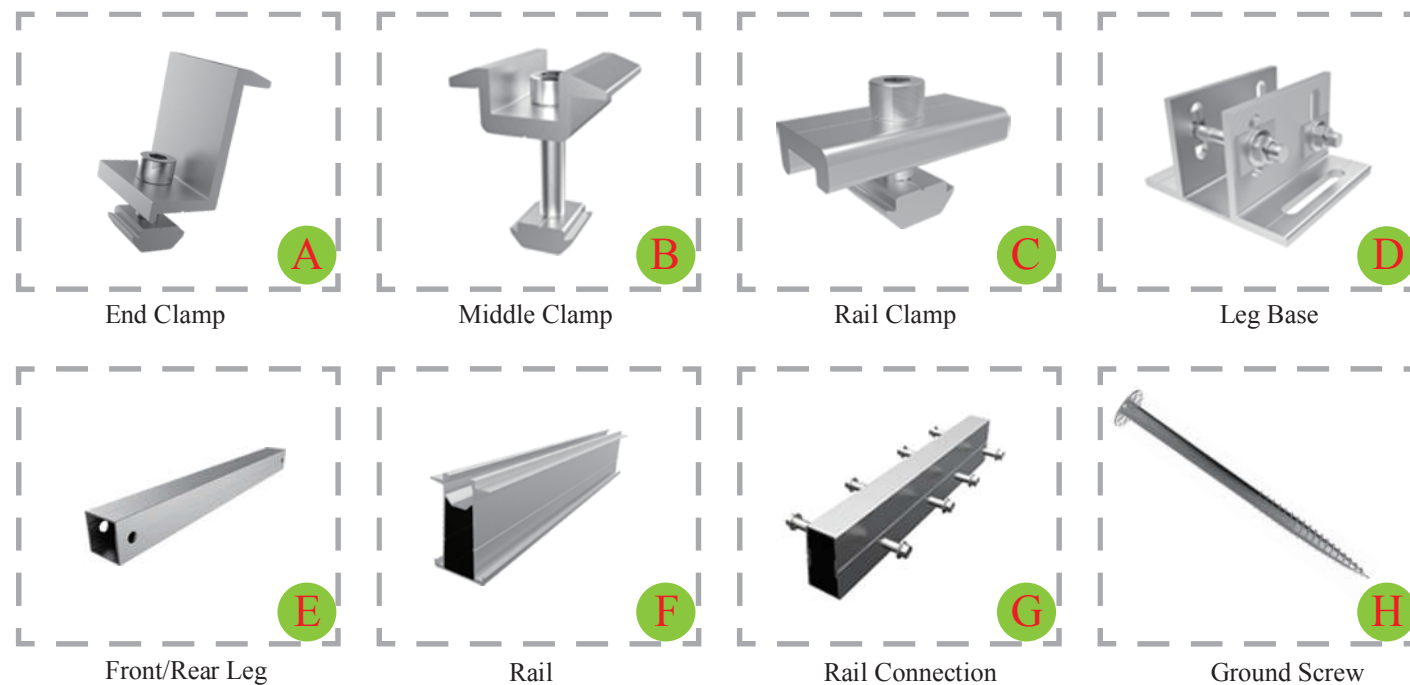
CP-KC Ground and Flat Roof Solar Mounting System (Aluminum)

10
years
warranty

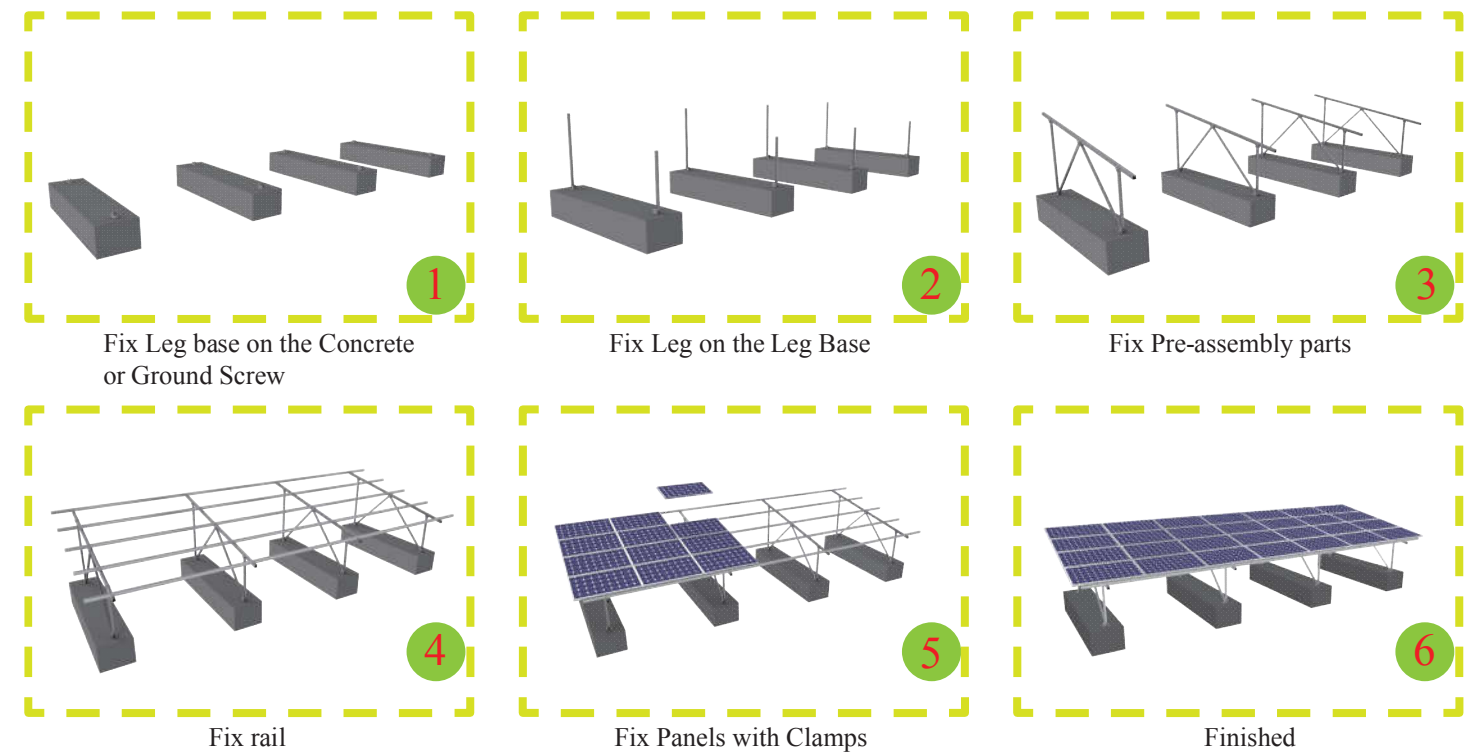


Pre-assembly

Main Components

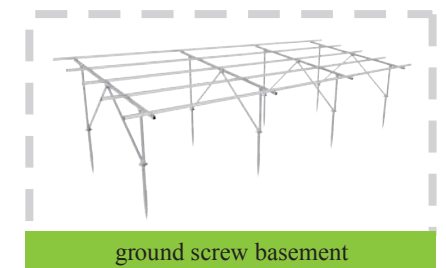
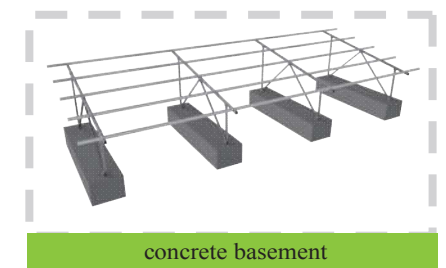


Installation Guide

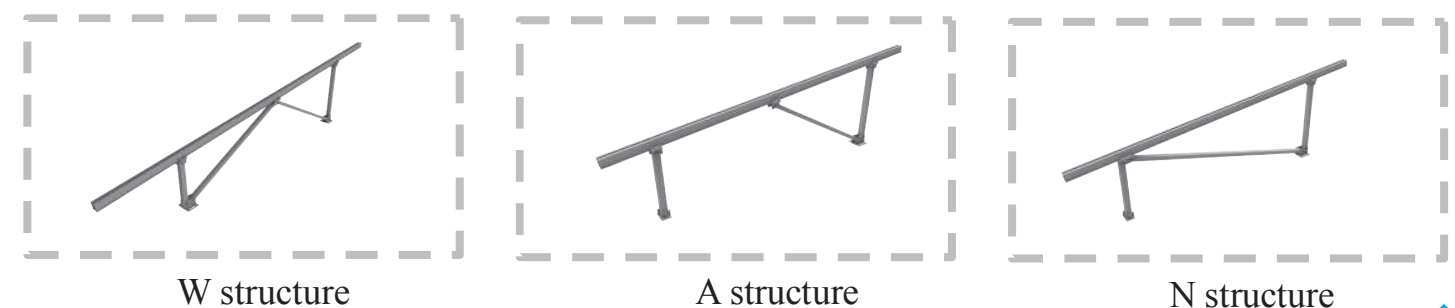


Detail Information

Basement:	ground screw or concrete blocks
The Inclination Angle:	within 60 degrees
The Maximum Wind Speed:	60 m/s
Snow Load:	within 1.5m
Applicable Module:	framed or frameless
Solar Panel Direction:	horizontal or portrait
Material:	aluminum 6005-T5& stainless steel 304
Guarantee Years:	10 years
Service Years:	around 25 years
Surface Preparation:	anodizing

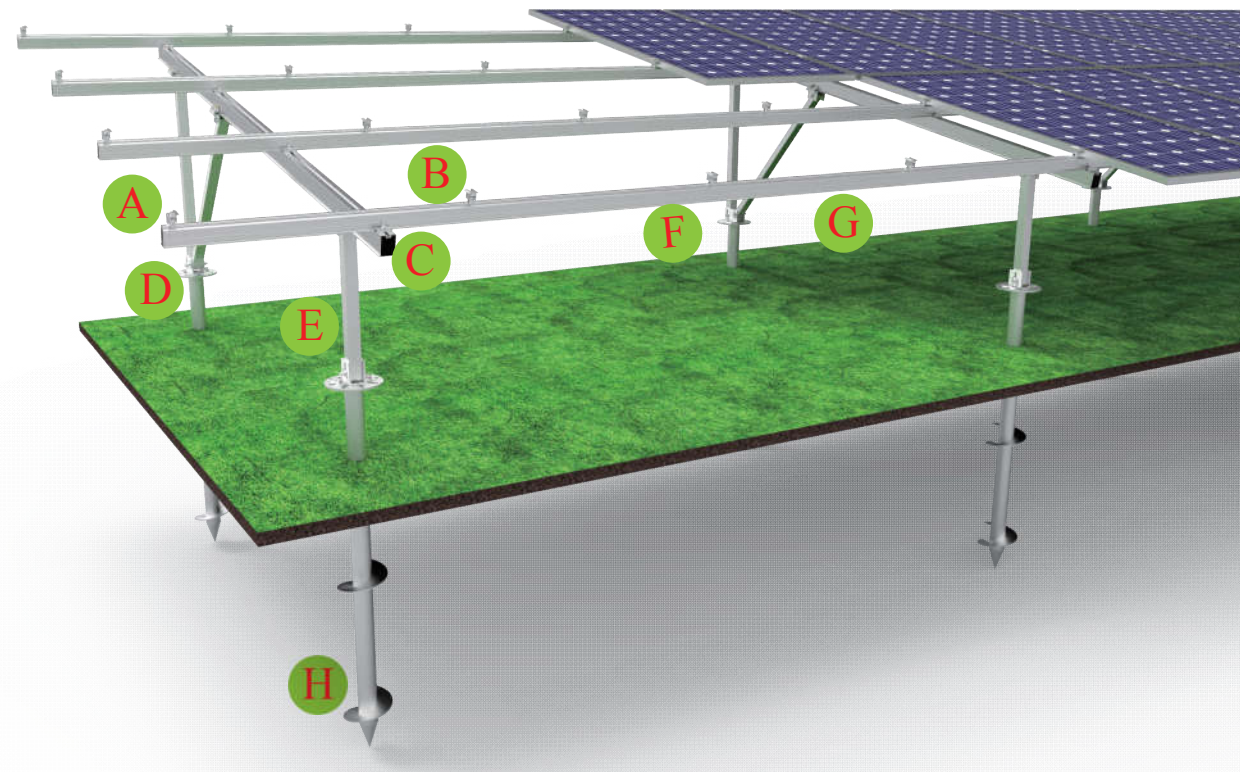


According to solar panel layout and other conditions, there are the following three kinds of bracket structures:

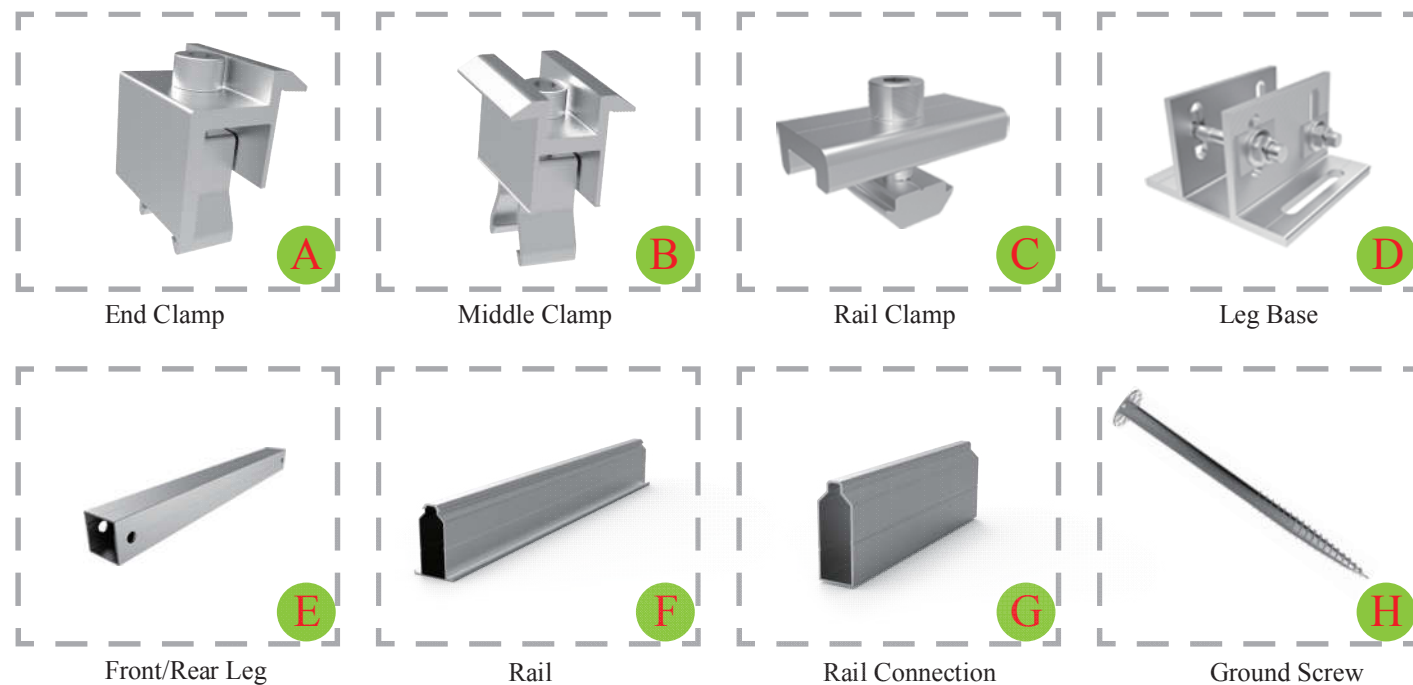


CP-KC Ground and Flat Roof Solar Mounting System (Aluminum)

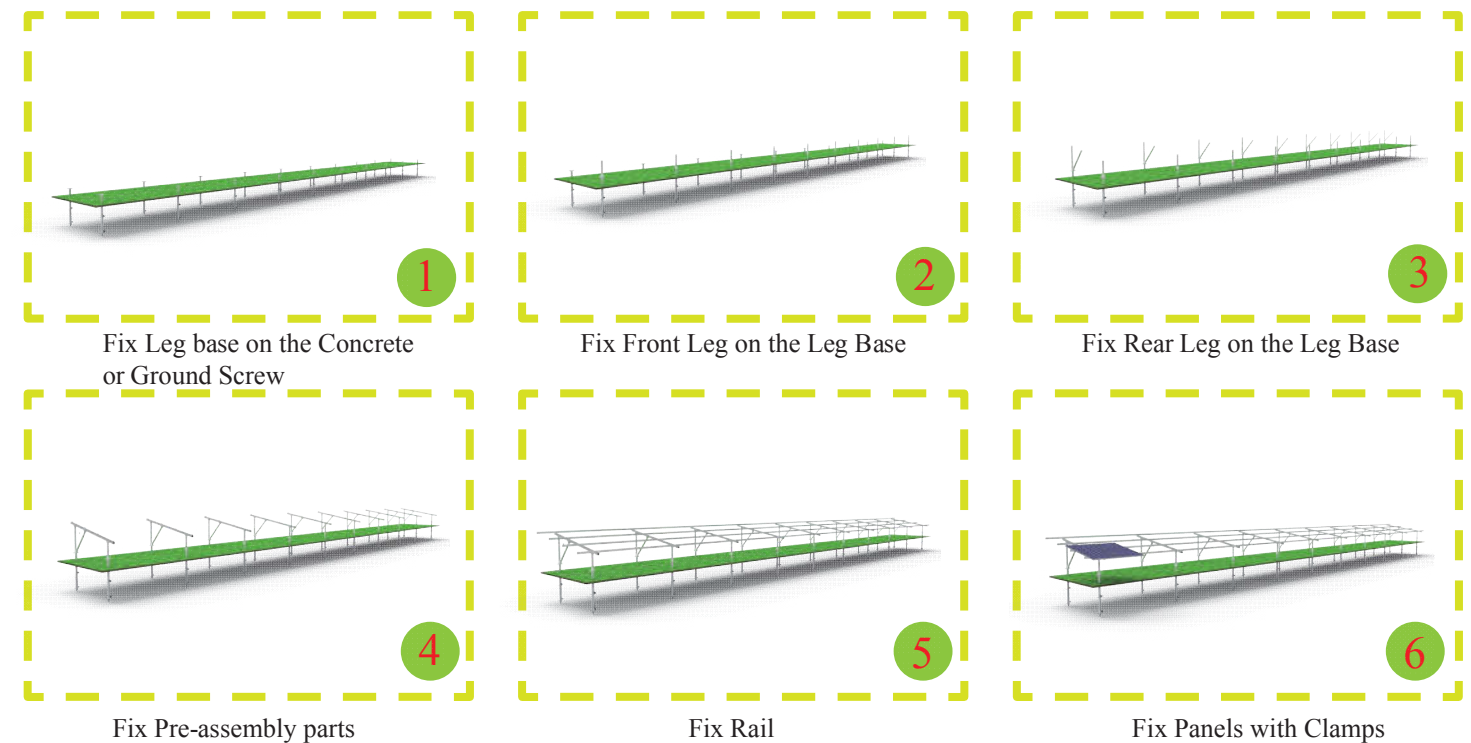
10
years
warranty



Main Components

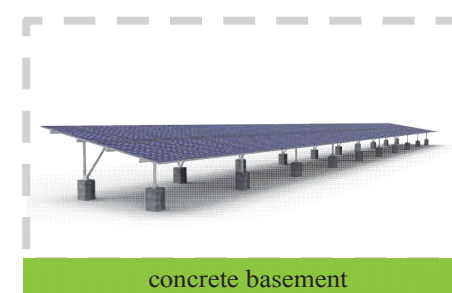


Installation Guide

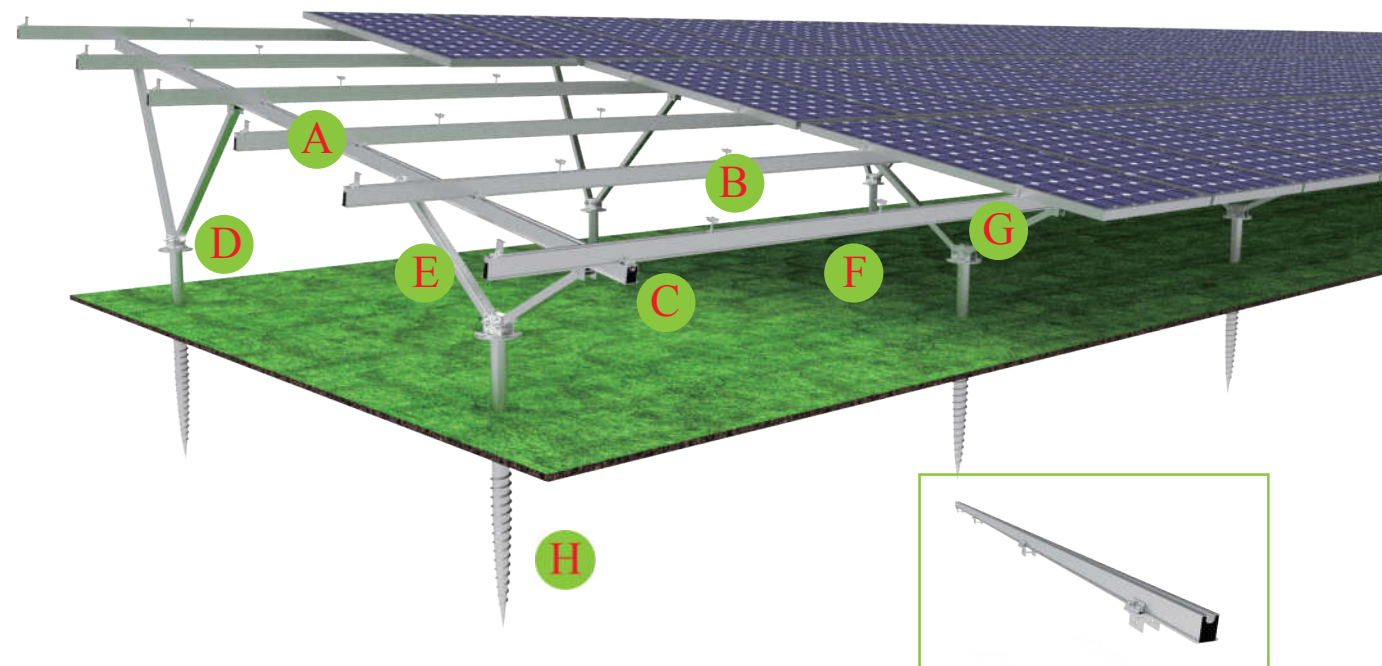


Detail Information

Basement:	ground screw or concrete blocks
The Inclination Angle:	within 60 degrees
The Maximum Wind Speed:	60 m/s
Snow Load:	within 1.5m
Applicable Module:	framed or frameless
Solar Panel Direction:	horizontal or portrait
Material:	aluminum 6005-T5& stainless steel 304
Guarantee Years:	10 years
Service Years:	around 25 years
Surface Preparation:	anodizing

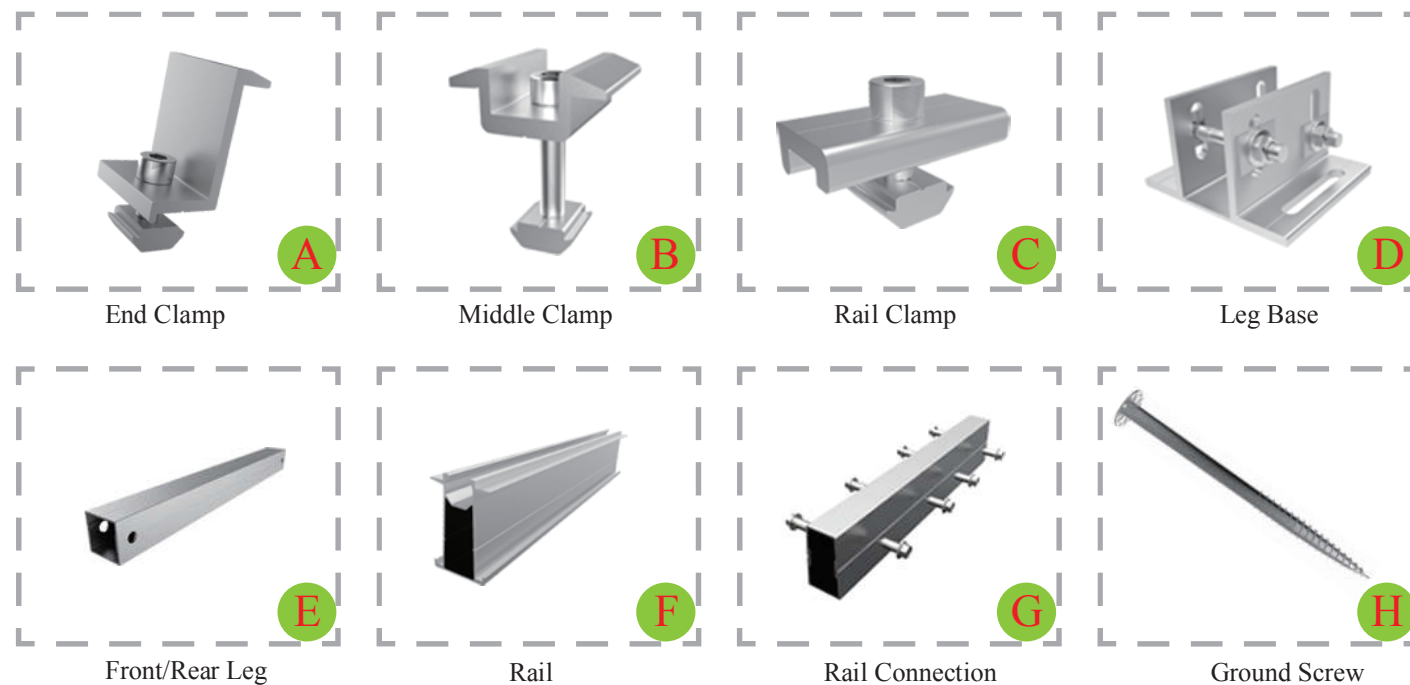


CP-DY Ground and Flat Roof Solar Mounting System (Aluminum)

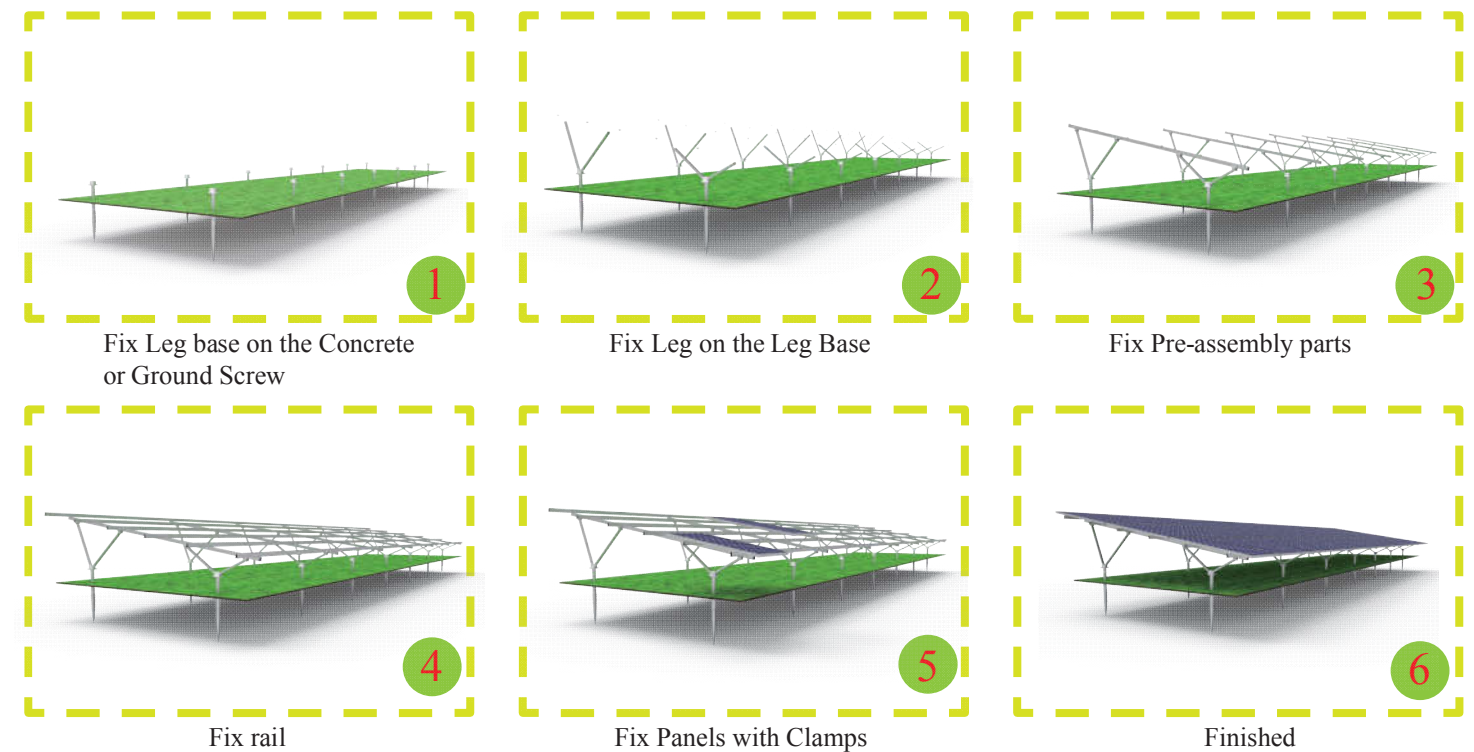


Pre-assembly

Main Components

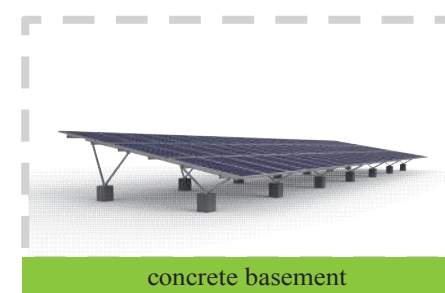


Installation Guide

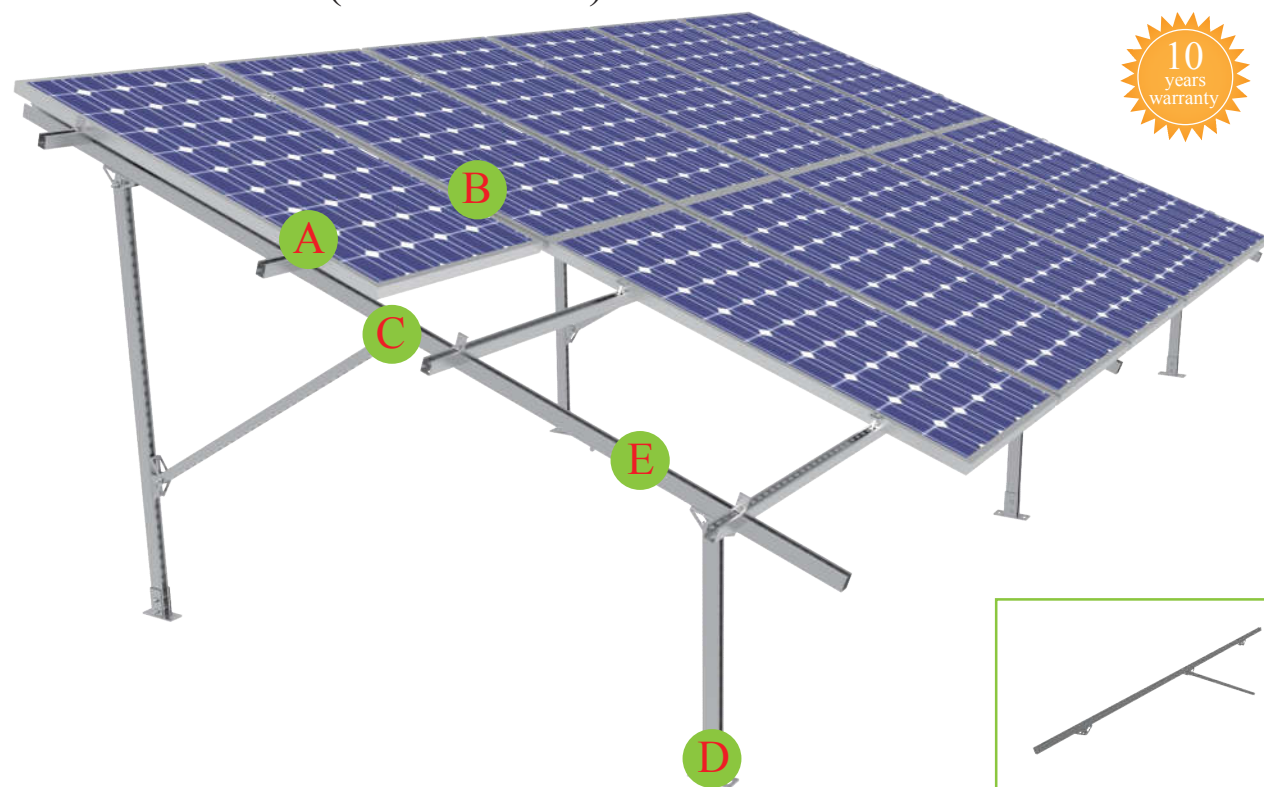


Detail Information

Basement:	ground screw or concrete blocks
The Inclination Angle:	within 60 degrees
The Maximum Wind Speed:	60 m/s
Snow Load:	within 1.5m
Applicable Module:	framed or frameless
Solar Panel Direction:	horizontal or portrait
Material:	aluminum 6005-T5& stainless steel 304
Guarantee Years:	10 years
Service Years:	around 25 years
Surface Preparation:	anodizing

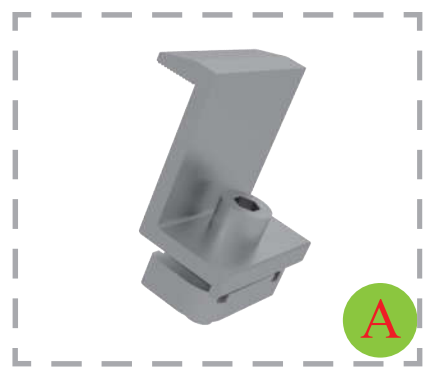


CP-GM3 Ground and Flat Roof Solar Mounting System (Carbon Steel)

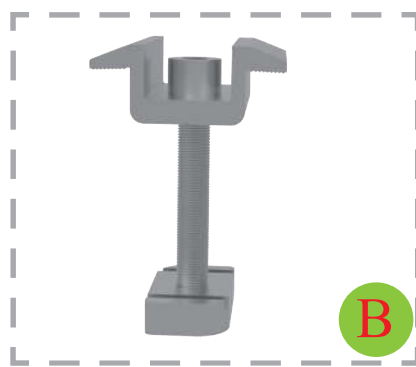


10
years
warranty

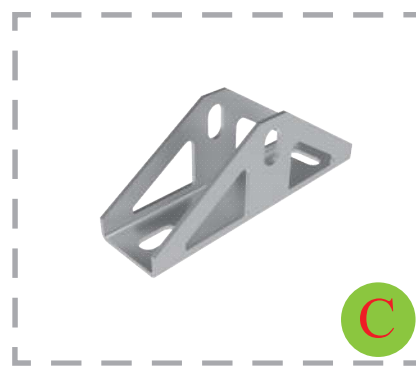
Main Components



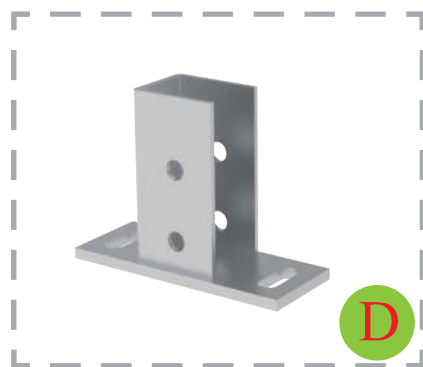
End Clamp



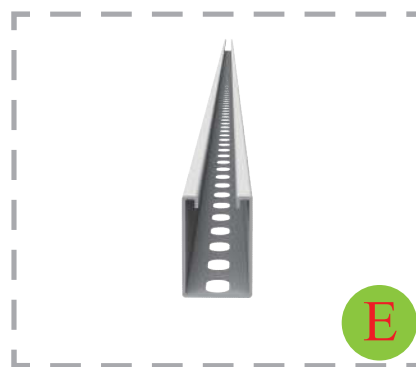
Mid Clamp



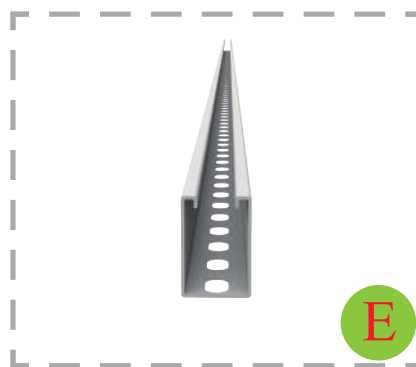
Connection



Leg Base



Rail



Leg

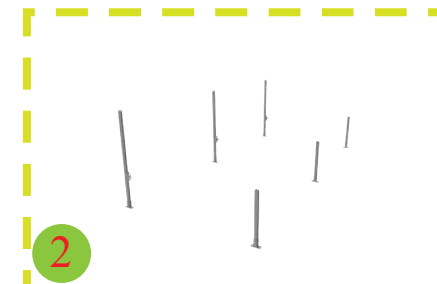
Pre-assembly



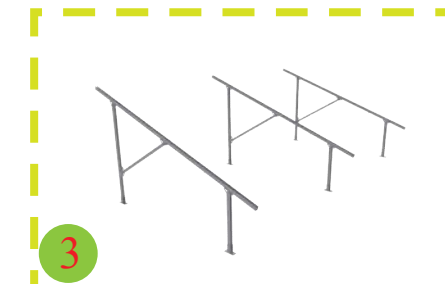
Installation Guide



Fix Leg Base on the Concrete



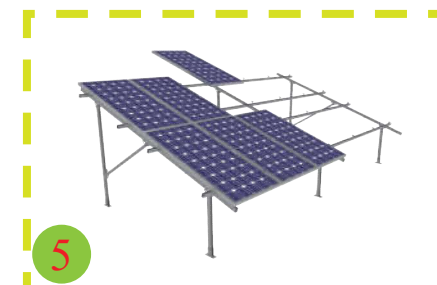
Fix Leg on the Basement



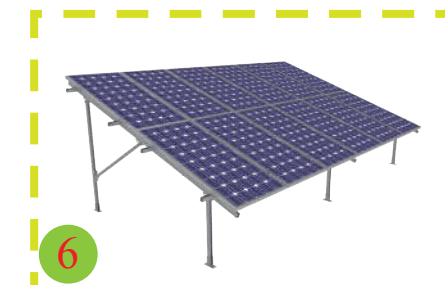
Fix Pre-assembly parts



Fix Rail



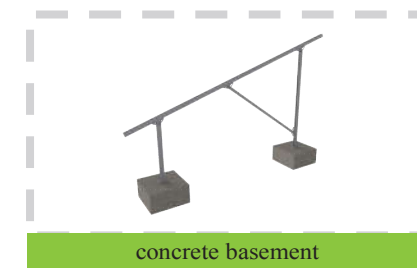
Fix Panels with Clamps



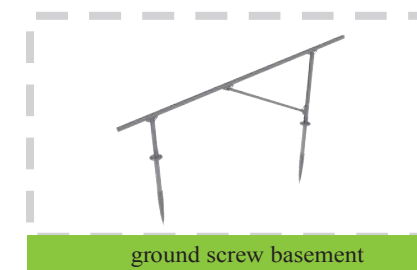
Finished

Detail Information

Basement:	concrete blocks and ground screw
The Inclination Angle:	within 60 degrees
The Maximum Wind Speed:	60 m/s
Snow Load:	within 1.5m
Applicable Module:	framed or frameless
Solar Panel Direction:	horizontal or portrait
Material:	carbon steel
Guarantee Years:	10 years
Service Years:	around 25 years
Surface Preparation:	hot dip galvanizing

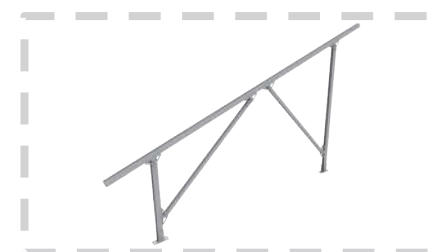


concrete basement

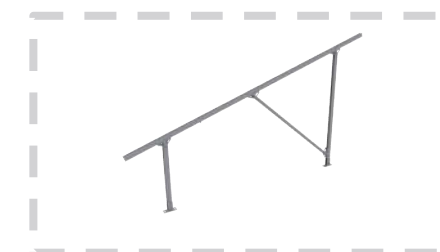


ground screw basement

According to solar panel layout and other conditions, there are the following two kinds of bracket structures:

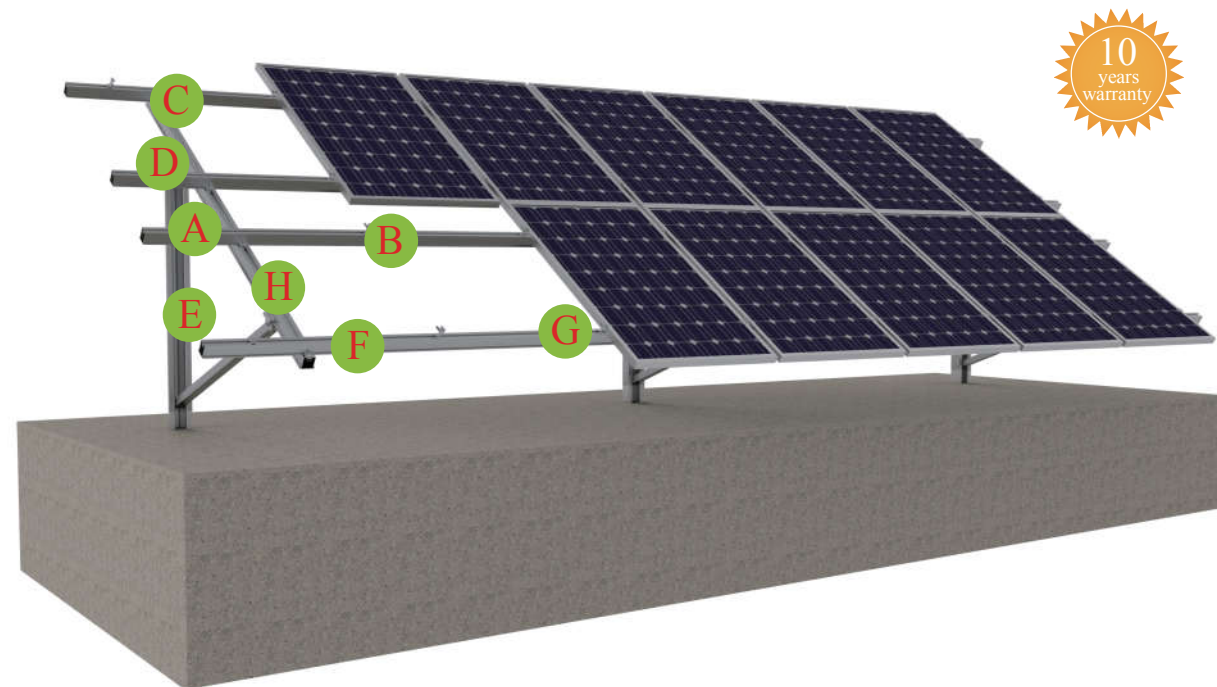


W structure



A structure

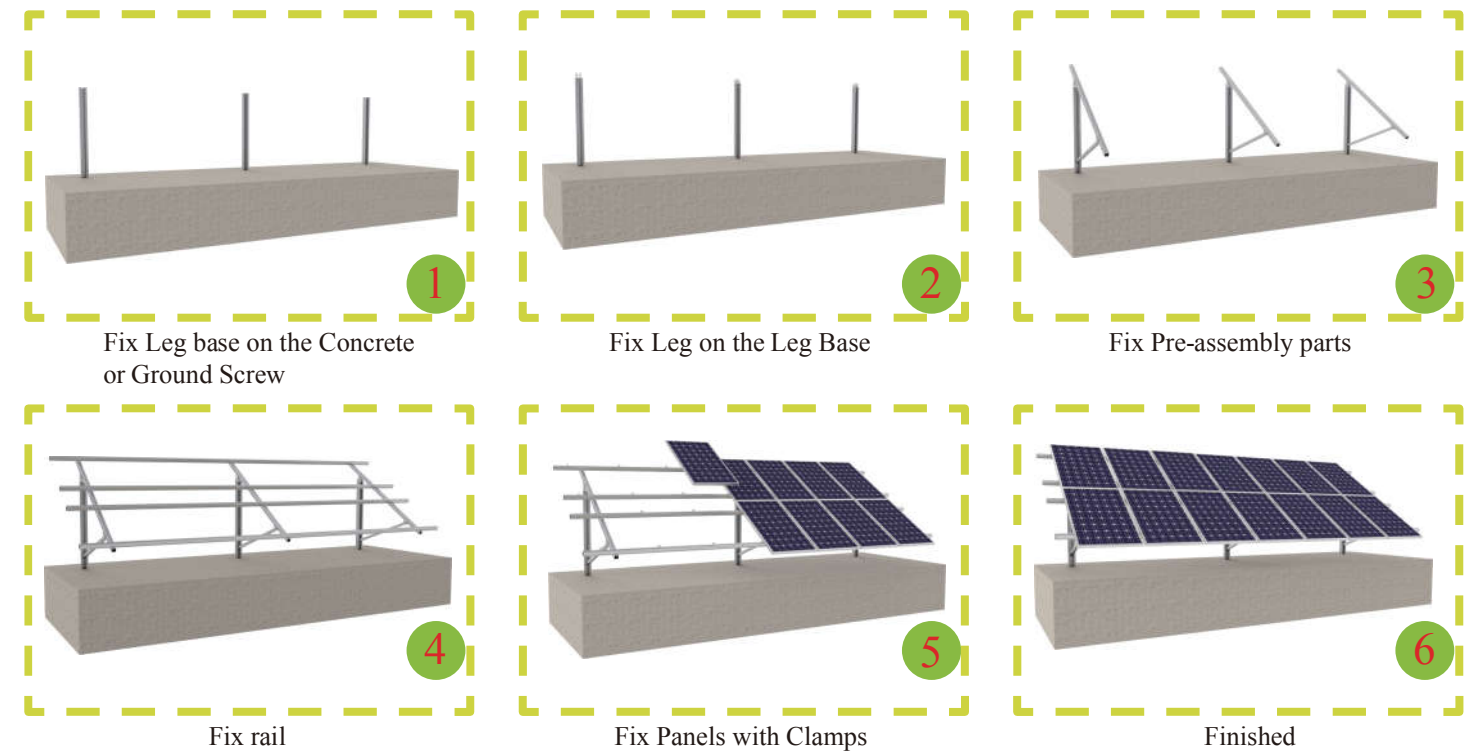
CP-SP Single Pole Ground Mounting System



Main Components



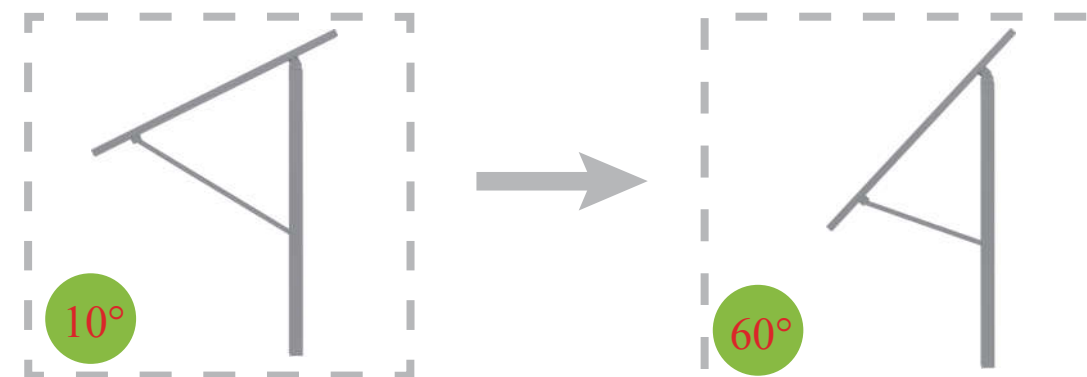
Installation Guide



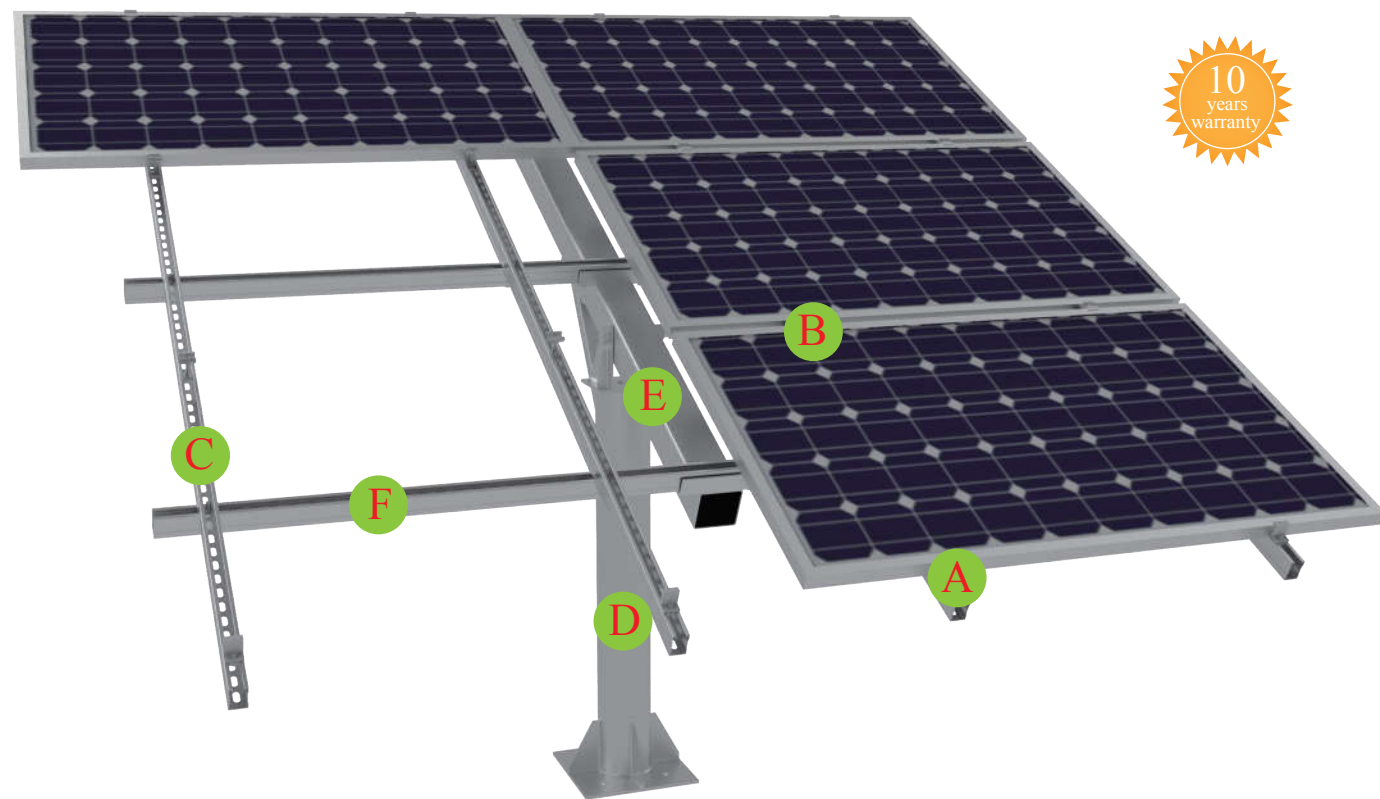
Detail Information

The Inclination Angle:	within 60 degrees
The Maximum Wind Speed:	60 m/s
Snow Load:	within 1.5m
Applicable Module:	framed or frameless
Solar Panel Direction:	horizontal or portrait
Material:	aluminum 6005-T5& hot-dip galvanizing
Guarantee Years:	10 years
Service Years:	around 25 years
Surface Preparation:	anodizing

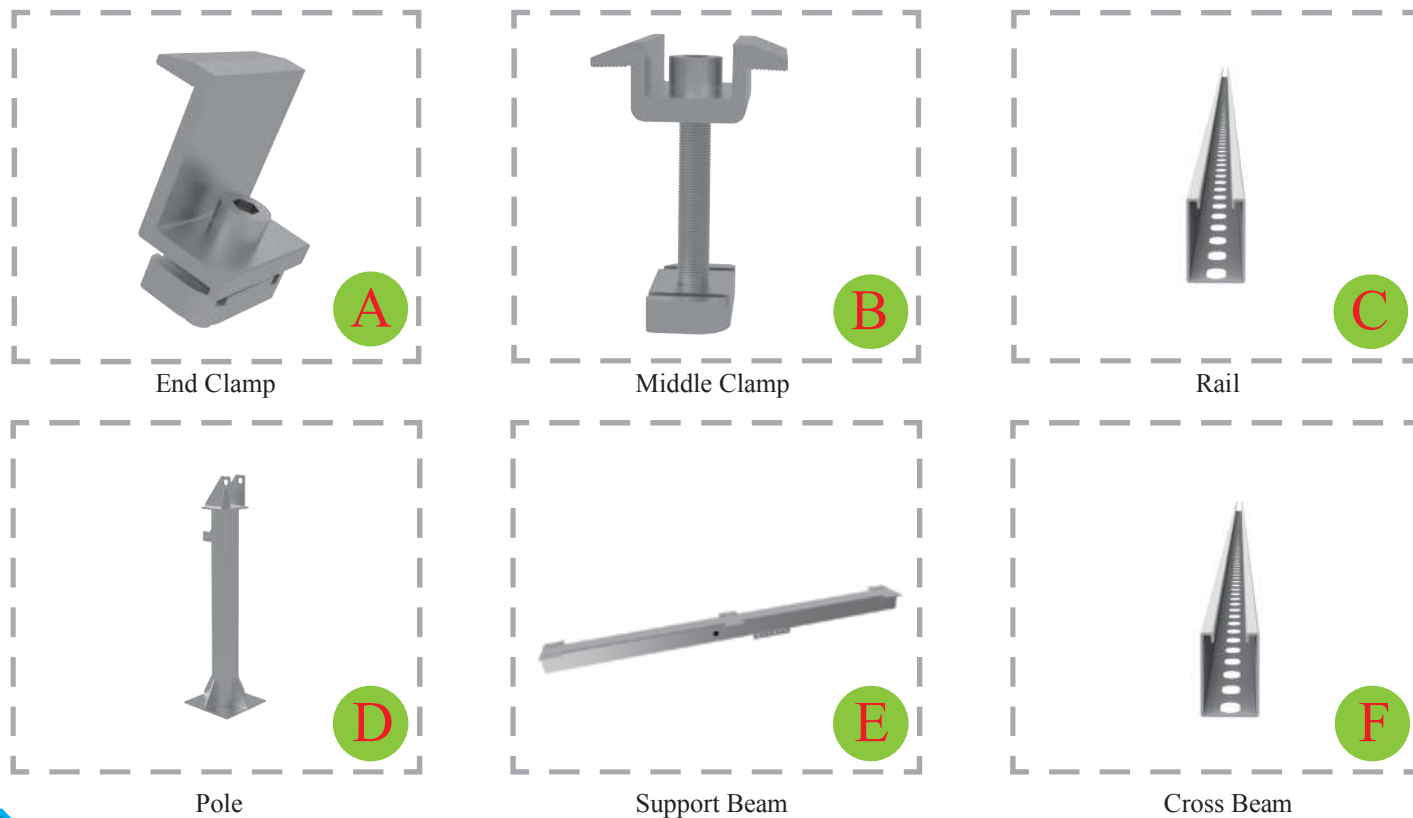
Adjustable Angle



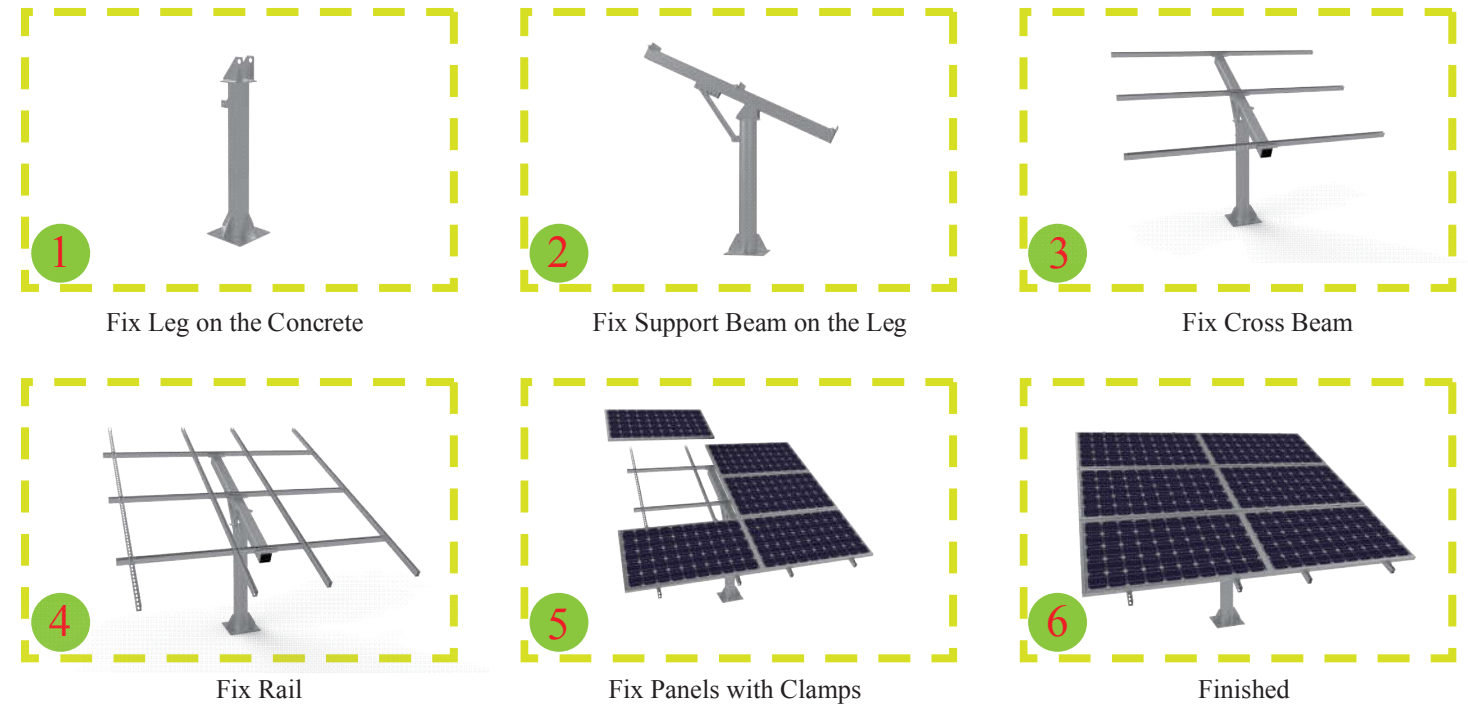
CP-GM4 Single Pole Ground Solar Mounting System



Main Components



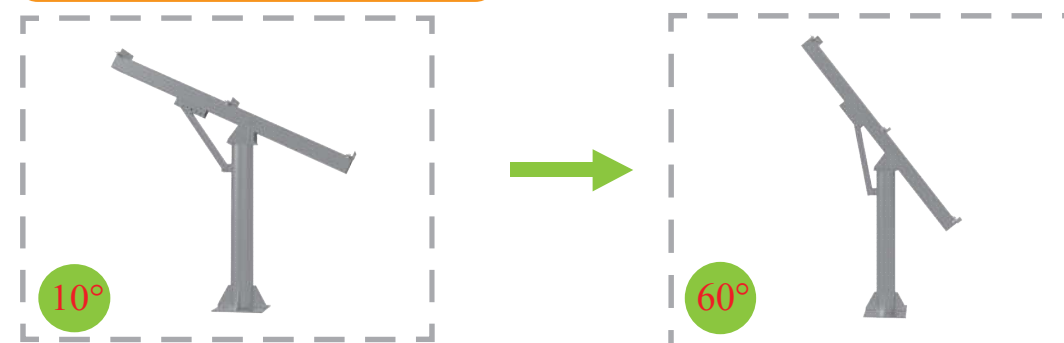
Installation Guide



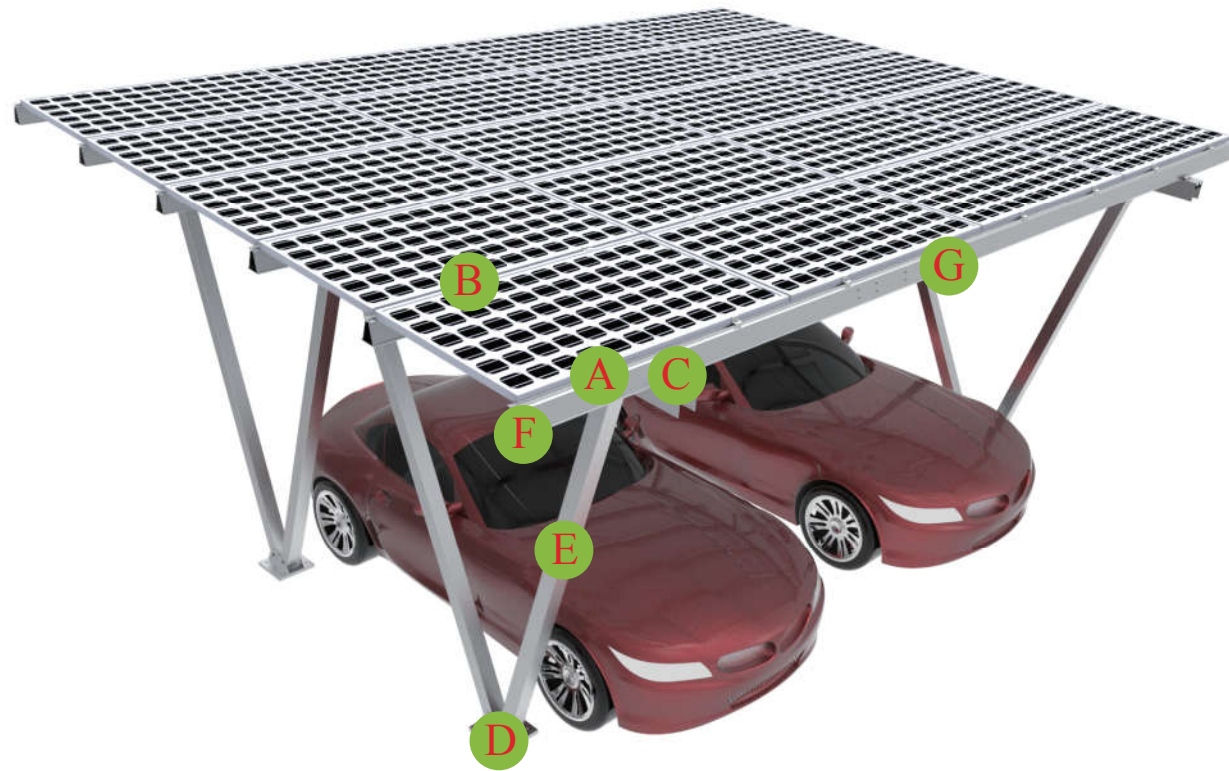
Detail Information

Basement:	concrete blocks
The Inclination Angle:	within 60 degrees
The Maximum Wind Speed:	60 m/s
Snow Load:	within 1.5m
Applicable Module:	framed or frameless
Solar Panel Direction:	horizontal or portrait
Material:	carbon steel
Guarantee Years:	10 years
Service Years:	around 25 years
Surface Preparation:	hot dip galvanizing

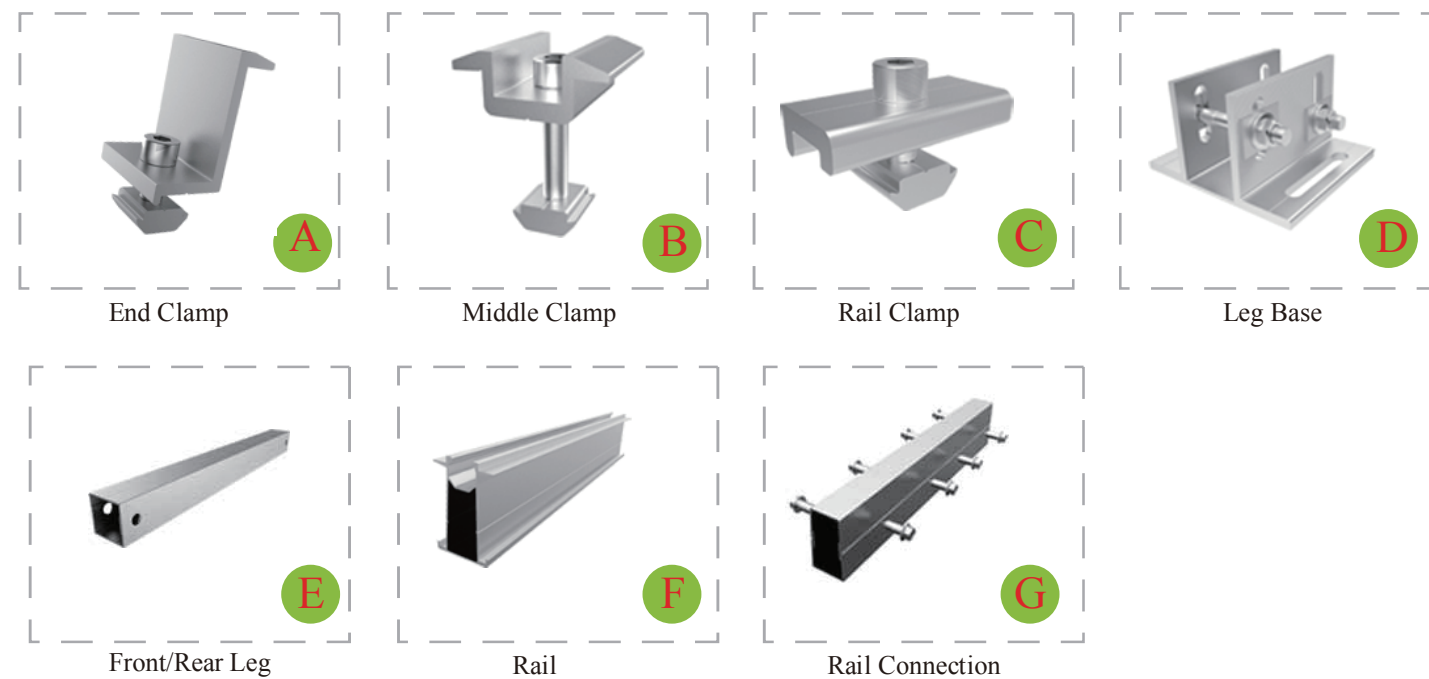
Adjustable Angle



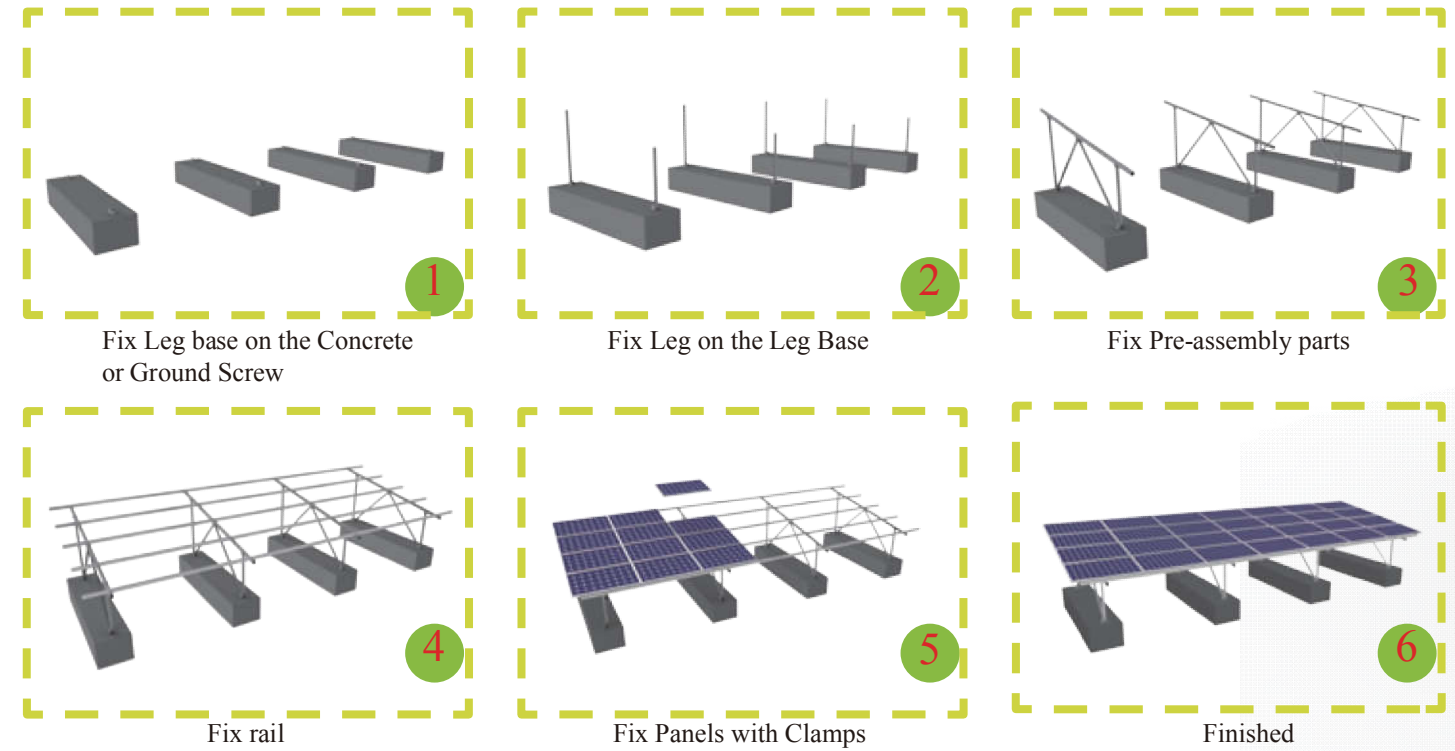
CP-NC Solar Carport(Aluminum)



Main Components



Installation Guide



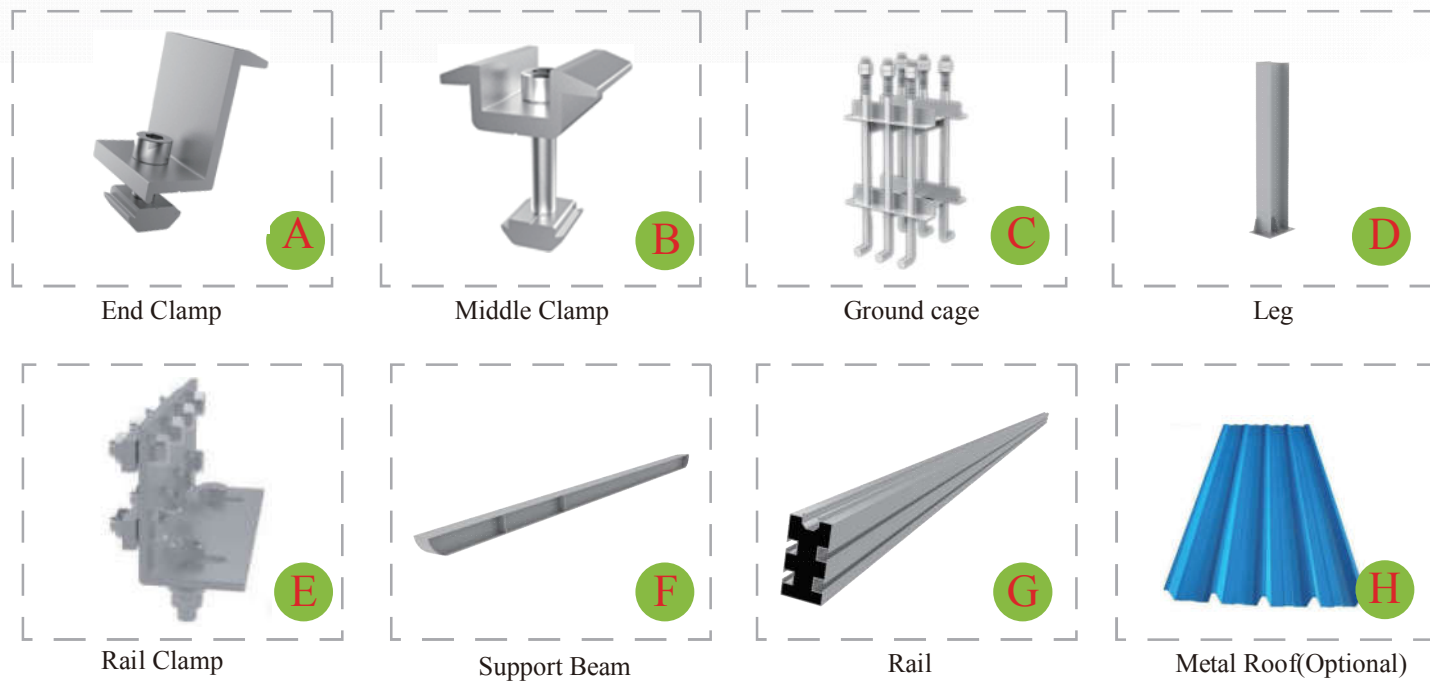
Detail Information

Basement:	concrete blocks
The Inclination Angle:	within 60 degrees
The Maxinum Wind Speed:	60 m/s
Snow Load:	within 1.5m
Applicable Module:	framed of frameless
Solar Panel Direction:	horizontal or portrait
Material:	aluminum 6005-T5& stainless steel 304
Guarantee Years:	10 years
Service Years:	around 25 years
Surface Preparation:	anodizing

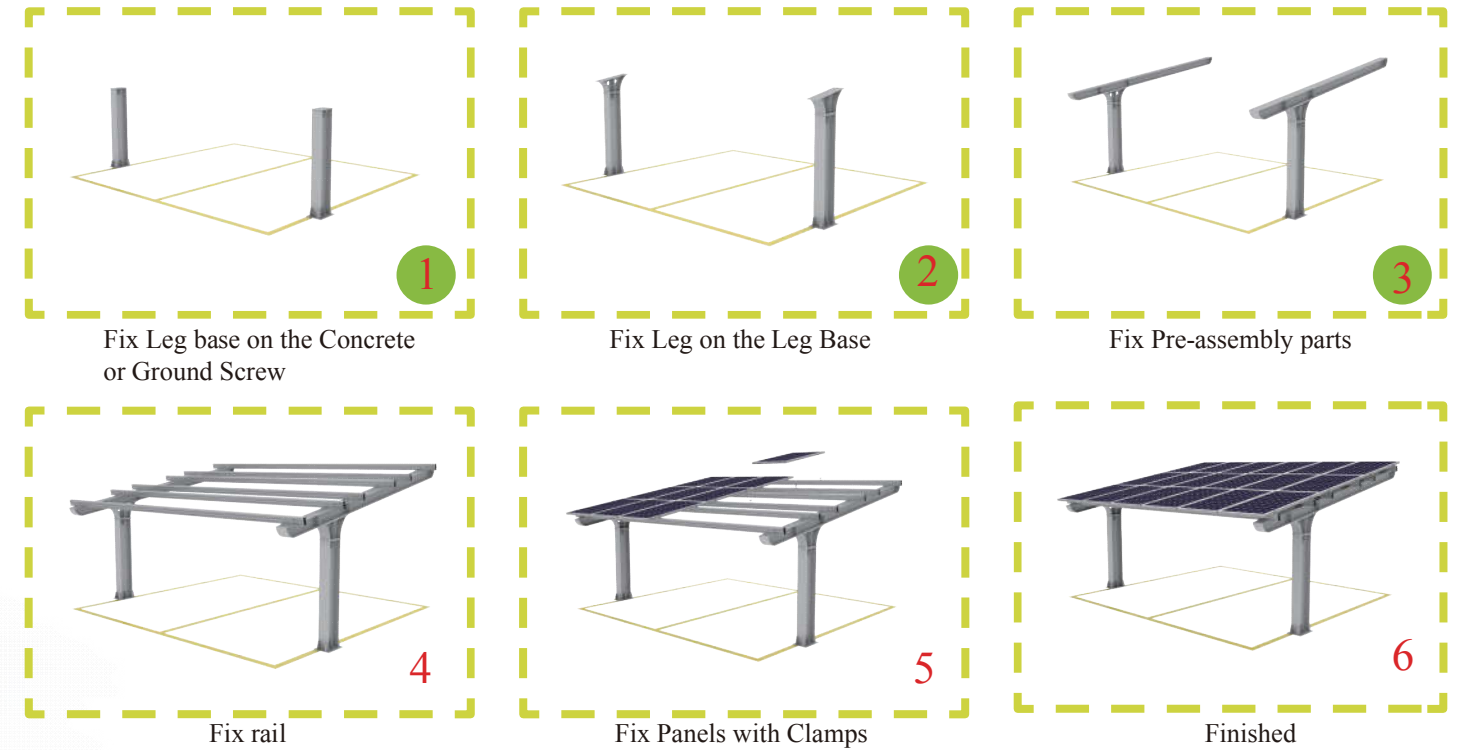
CP-HC Solar Carport(Steel)



Main Components



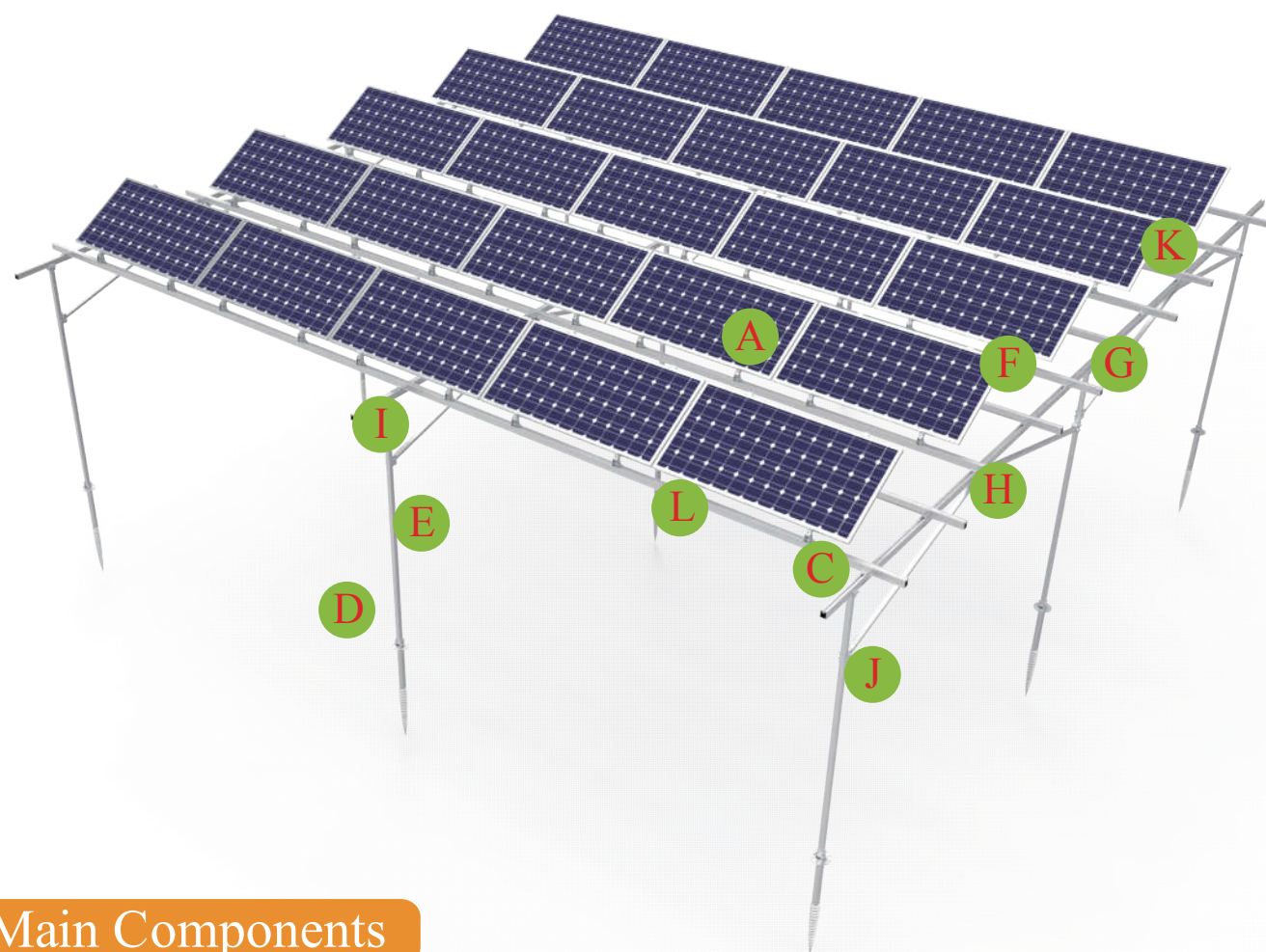
Installation Guide



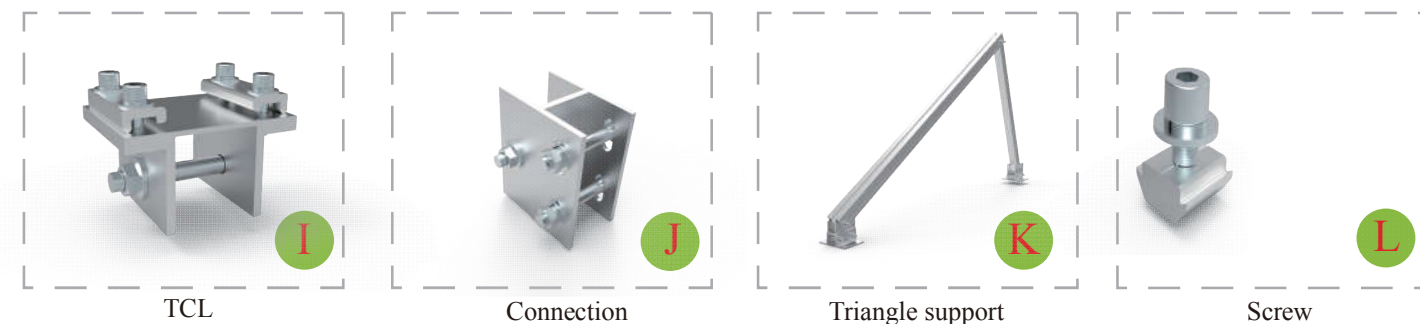
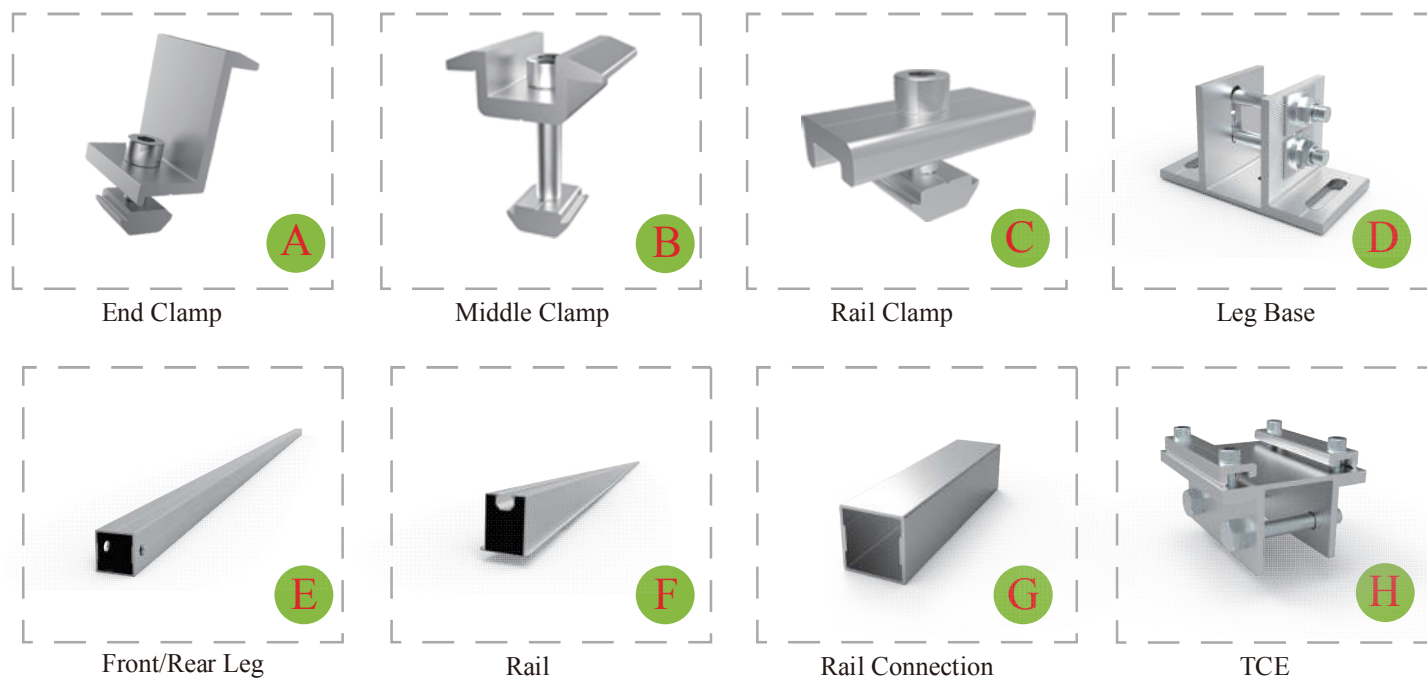
Detail Information

Basement:	concrete blocks
The Inclination Angle:	within 60 degrees
The Maximum Wind Speed:	60 m/s
Snow Load:	within 1.5m
Applicable Module:	framed of frameless
Solar Panel Direction:	horizontal or portrait
Material:	aluminum 6005-T5& stainless steel 304&hot-dip galvanized carbon steel
Guarantee Years:	10 years
Service Years:	around 25 years
Surface Preparation:	anodizing&hot-dip galvanized

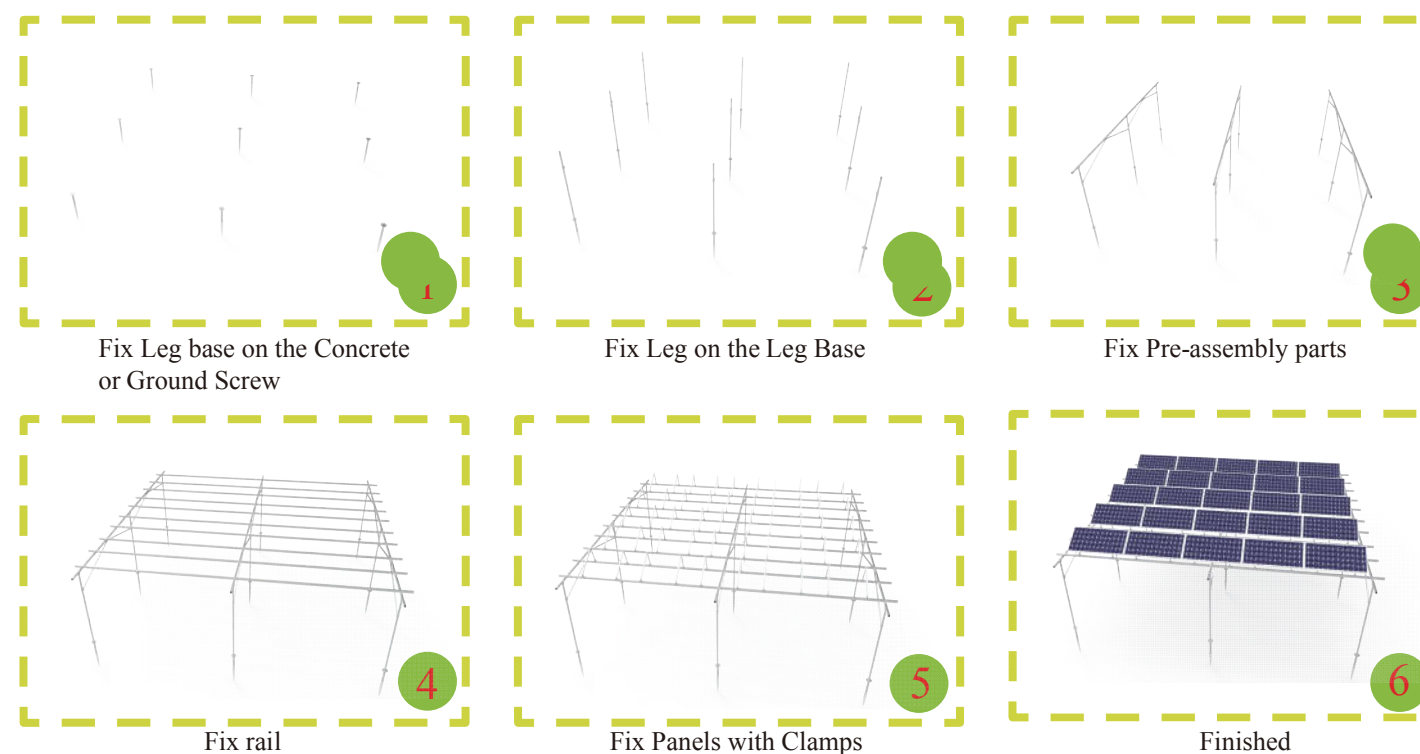
CP-AC Solar Agricultural



Main Components



Installation Guide



Detail Information

Basement:	concrete blocks and ground screw
The Inclination Angle:	within 60 degrees
The Maximum Wind Speed:	60 m/s
Snow Load:	within 1.5m
Applicable Module:	framed or frameless
Solar Panel Direction:	horizontal or portrait
Material:	aluminum 6005-T5& stainless steel 304&hot-dip galvanized carbon steel
Guarantee Years:	10 years
Service Years:	around 25 years
Surface Preparation:	anodizing&hot-dip galvanized

Ground Screw

CP-GSF	
CP-GTF	
CP-GT	
CP-GBF	
CP-GBF-1	
CP-GF	

Technical Parameter

Applied Field	open field,inclined plane
Material	carbon steel
Surface	galvanizing thickness over 80um
Specification	diameter:48-89mm length:customized

Advantage

1、Cost-saving

Ground screws are driven into ground by machine directly. There are no needs of preparation work before installation, maintenance and earth cleaning after installation.

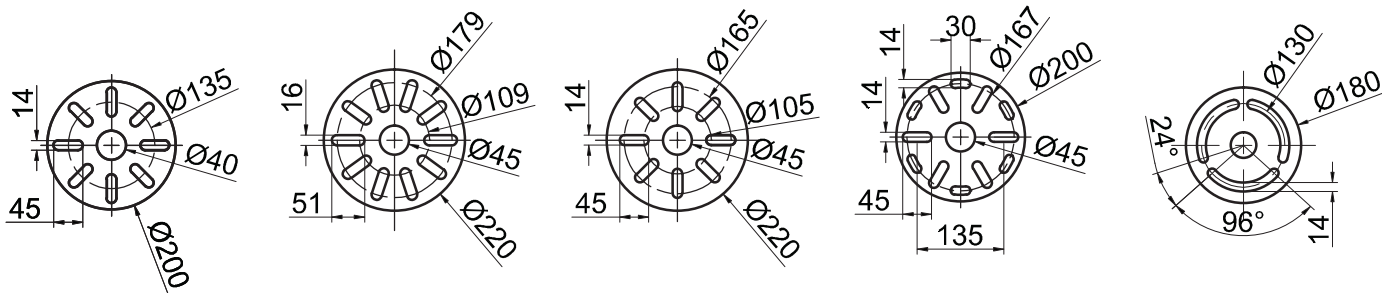
2、No damage to foundation

Apart from ground PV mount system,can be used for wind power station,highway,infrastructure,woodenhouse,bridge, street light,traffic light,fence,greenhouse...,etc.

3、Wide applied sites

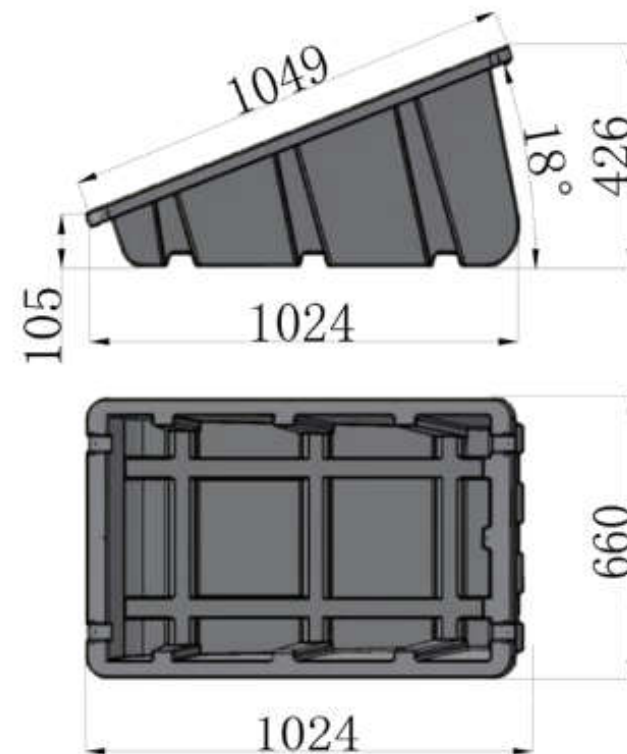
Ground screw is driven into ground without digging a hole before installation and filling earth after installation,so it has no damage to soil.

Different Flange Plate



Sequence	Rock types		Ingredient	The feasibility of directly using spiral piles	The feasibility of recommending the selection of spiral pile type technology
1	Artificial fill	Plain fill	Filling composed of gravel soil, sand, silt, clay, etc.	Feasible	Determine the pile type according to the actual density of the land
		Compacted fill	Compacted or compacted plain fill	Feasible	
		Miscellaneous fill	Fill soil containing construction waste, industrial waste, and domestic waste	Feasible	
		Flood fill	Hydraulic fill	Feasible	
2	Cohesive soil	Clay	Plasticity Index>17	Feasible	
		Silt clay	10<Plasticity Index<17	Feasible	
3	Silt		Plasticity index <10, particles larger than 0.075mm do not exceed 50% of the total weight of the soil	Feasible	
4	Gravel		The content of particles larger than 2mm accounts for 25%-50% of the total weight	Feasible	
	Coarse sand		The content of particles larger than 0.5mm exceeds 50% of the total weight	Feasible	
	Nakasago		The content aof particles larger than 0.25mm exceeds 50% of the total weight	Feasible	
	Fine sand		The content of particles larger than 0.075mm is more than 80% of the total weight	Feasible	
	Silt		The content of particles larger than 0.075mm is more than 50% of the total weight	Feasible	
5	Gravel soil	Boulders	The content of particles larger than 200mm accounts for 50% of the total weight	Not suitable	Need to drill prefabricated holes to match concrete
		Pebble, gravel	The content of particles larger than 200mm accounts for 80% of the total weight	Feasible	Determine the pile type according to the actual density of the land
		Round gravel, breccia	The content of particles larger than 2mm accounts for 50% of the total weight	Feasible	
6	Rock	Hard rock	Has high mechanical strength and high water resistance	Not suitable	Need to drill prefabricated holes to match concrete
		Soft rock	Mudstone, shale, siltstone and argillaceous ore	Feasible	Determine the pile type according to the actual density of the land
Remarks	Geotechnical classification according to GB-5007. The recommended type of spiral pile is recommended for conventional soil conditions. Finally, the specifications of the spiral piles are determined according to the characteristics of the drawings and the bearing capacity requirements of the actual industry and mine. for reference only				

Plastic Ballasted Solar Mount System(PP)

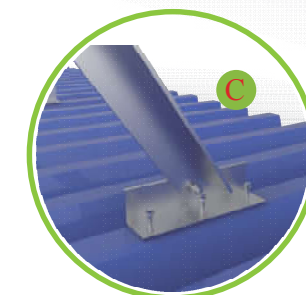
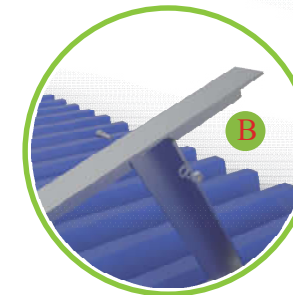
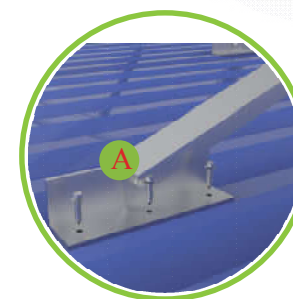
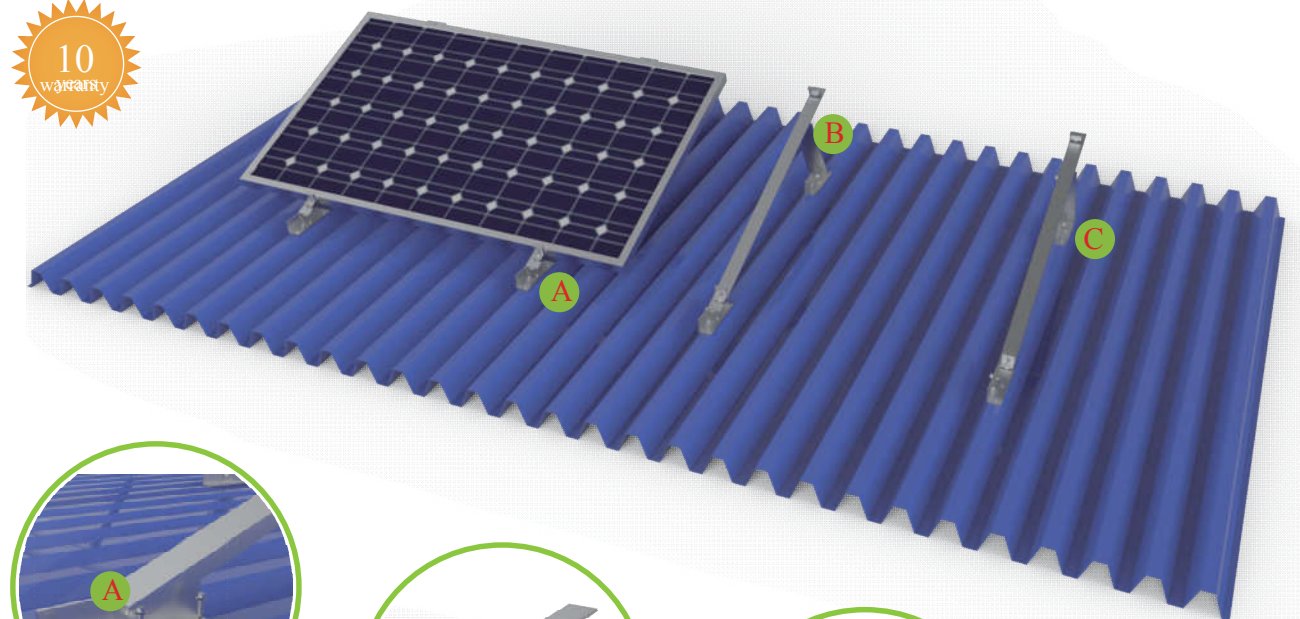


- Convenient and flexible installation
- Do not destroy any flat surface
- Suitable for any flat surface
- Infinite extension

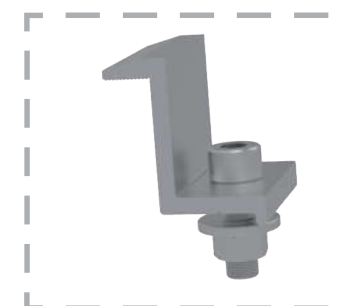
Detail Information

Product Name:	Plastic ballsted solar mount system(PP)
Mount Location:	Flat roof/Ground
Mount Angle:	18 degree
Solar Panel Layout:	Horizontal Panel Installation
Solar Panel Size:	Width 992mm-990mm,thickness 35mm/40mm
Rack Materical:	PP
Fastener Material:	SUS304/PP
Column Color:	Black
Warranty Period:	5 years
Service Life:	20 years

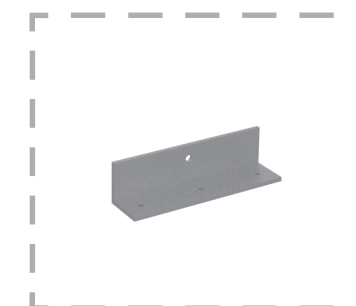
CP-FT Fixed Tilt Solar Mounting System



Main Components



End Clamp

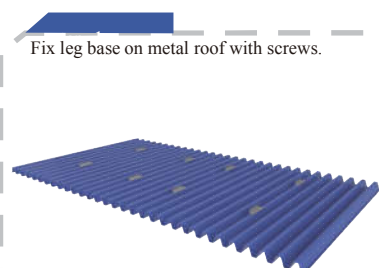


Leg base

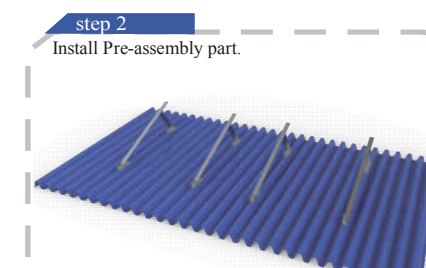


Pre-assembly part

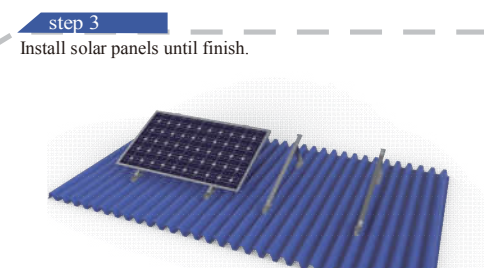
Installation Guide



Fix leg base on metal roof with screws.

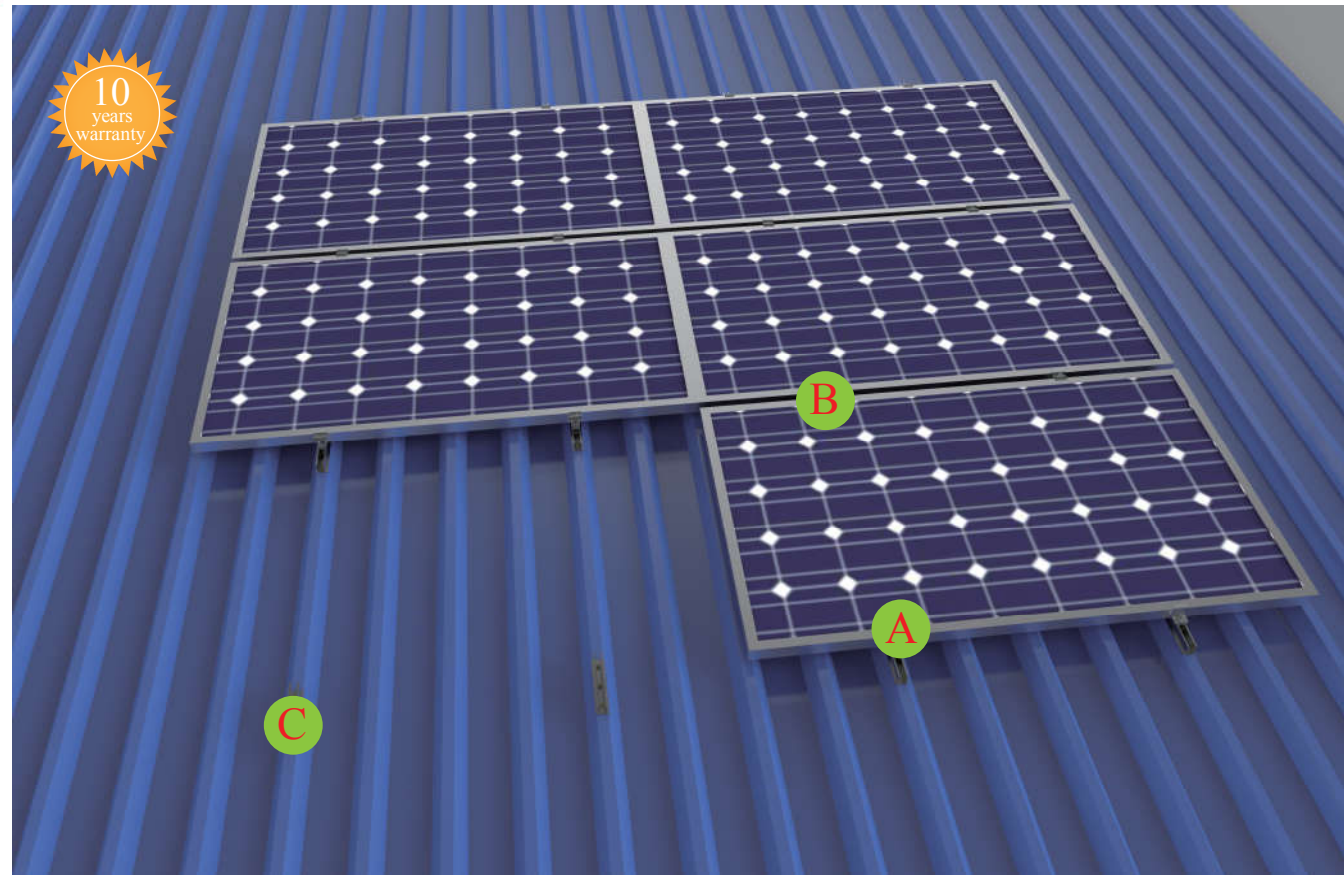


Install Pre-assembly part.



Install solar panels until finish.

Mini Rail Metal Roof Solar Mounting System



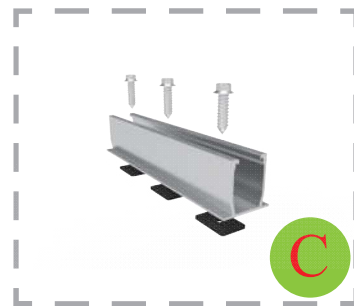
Main Components



End Clamp

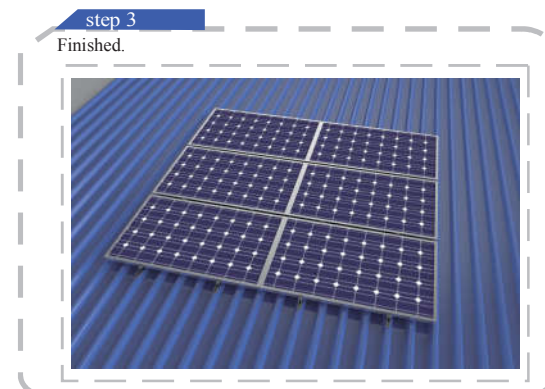
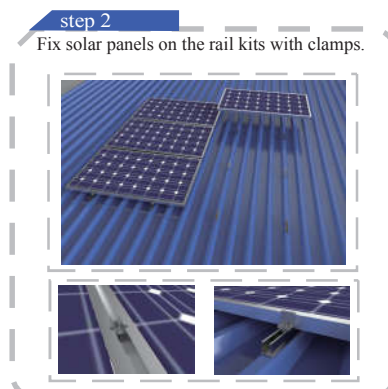
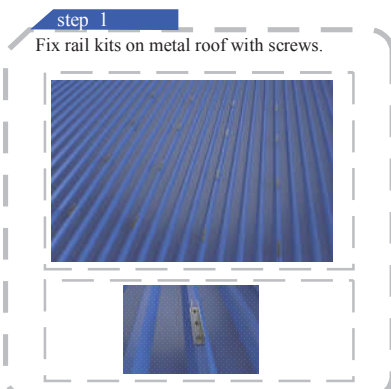


Middle Clamp

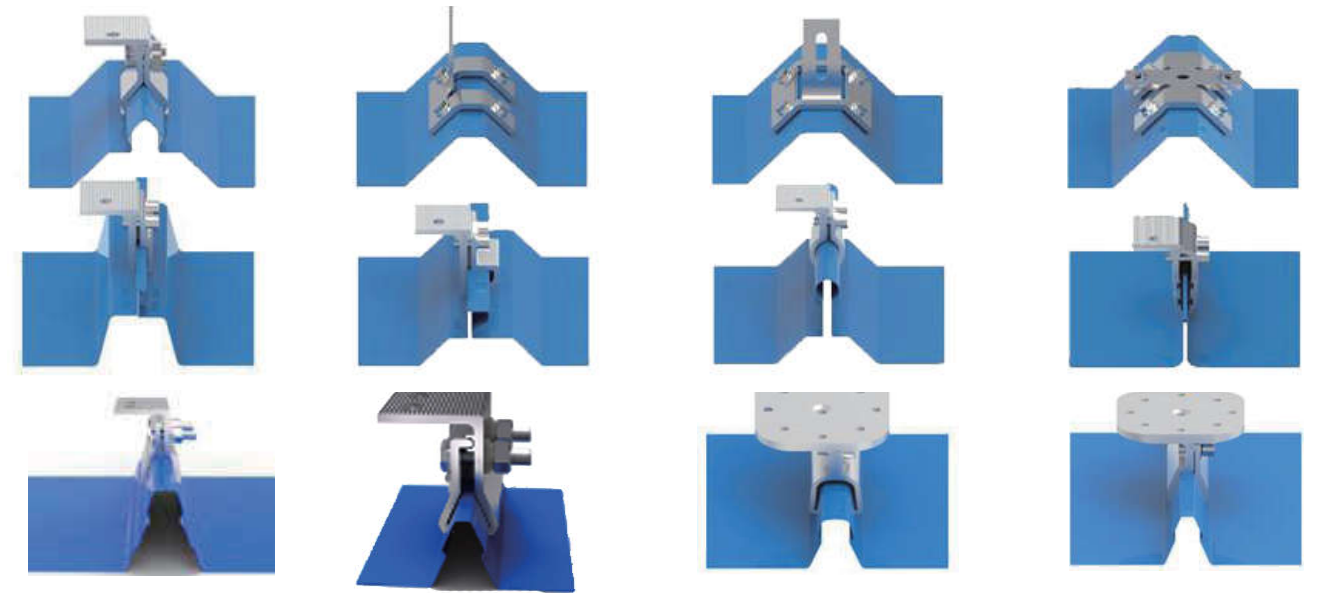
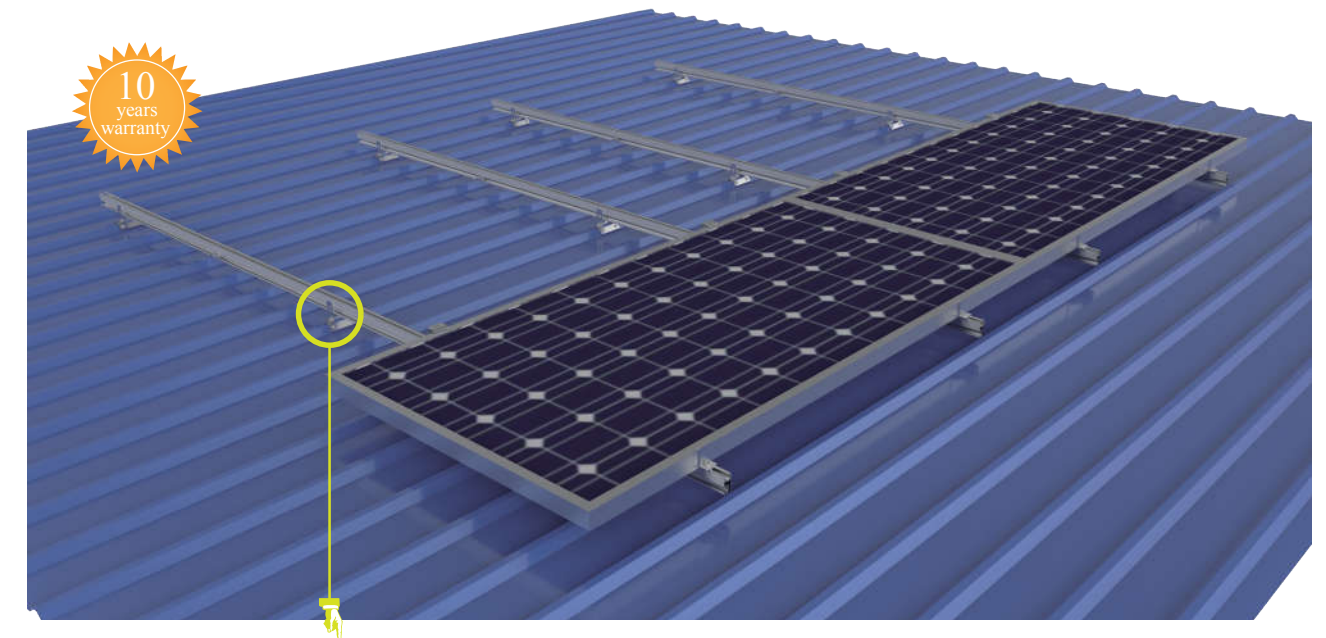


Mini Rail

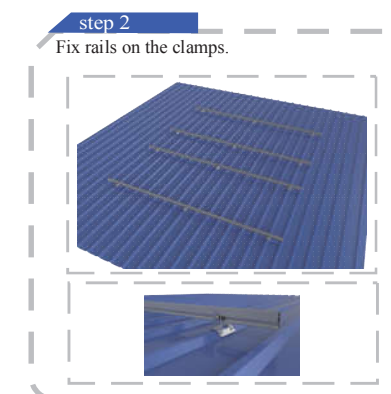
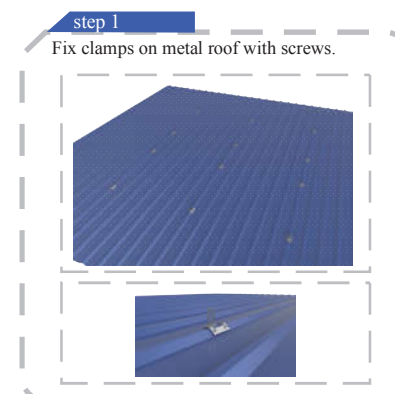
Installation Guide



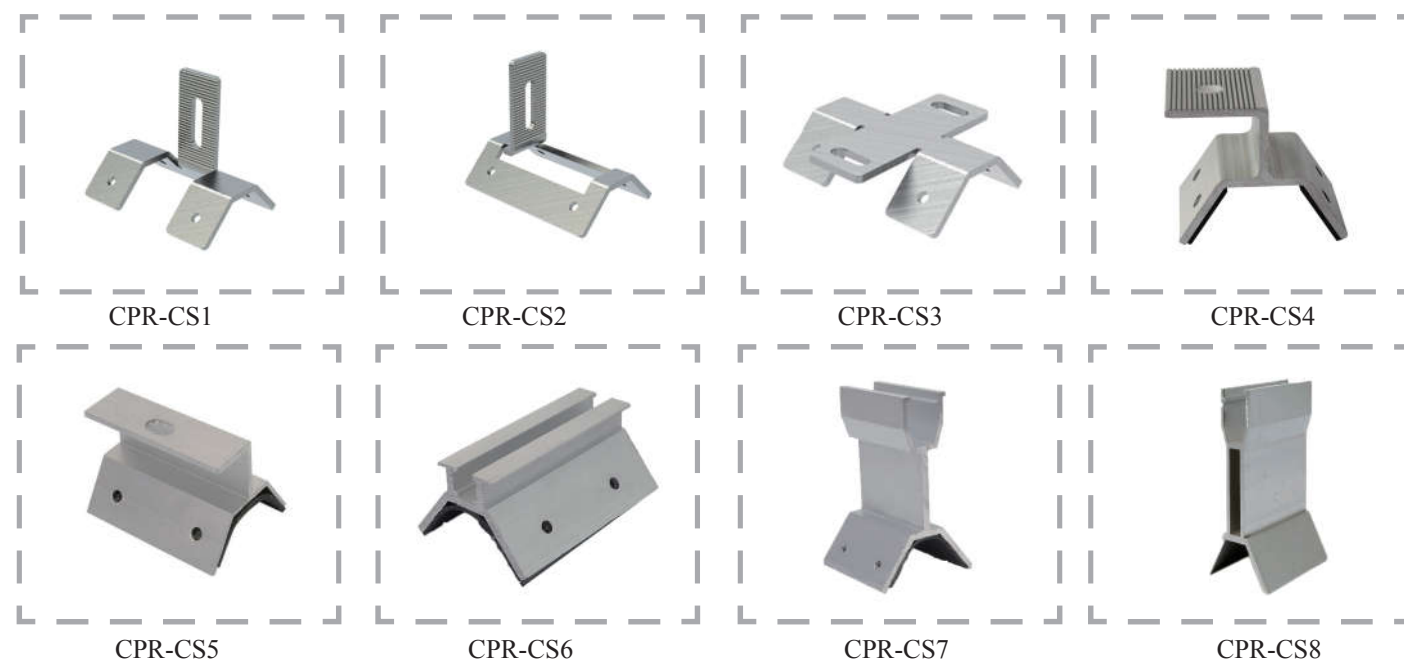
Metal Roof Solar Mounting System



Installation Guide



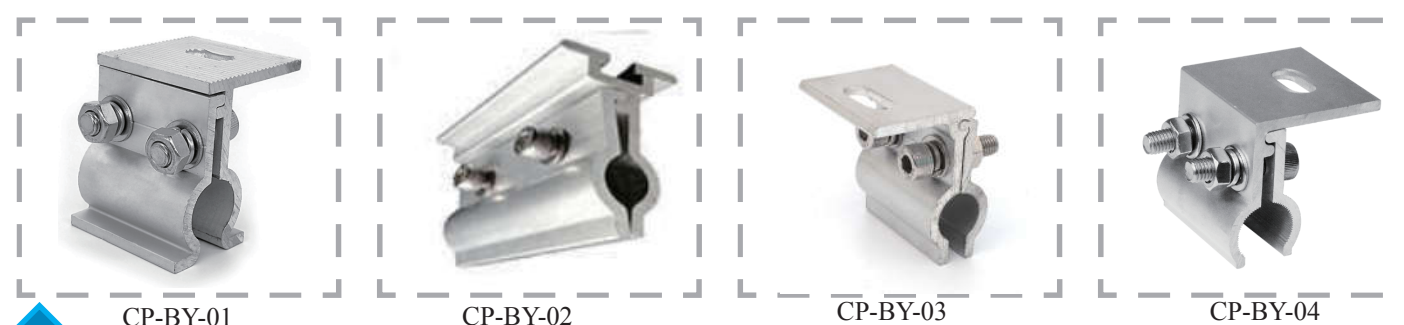
Trapezoidal roof hooks



Clip lock



Semi-circular roof clamps



Vertical lock



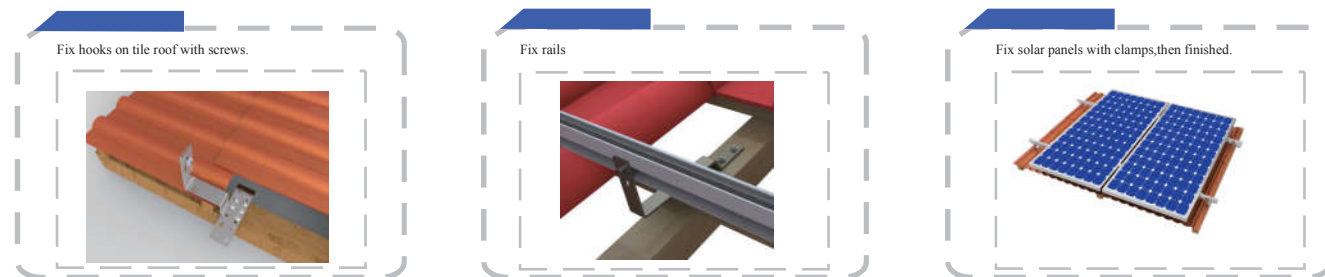
Other types of roof hooks



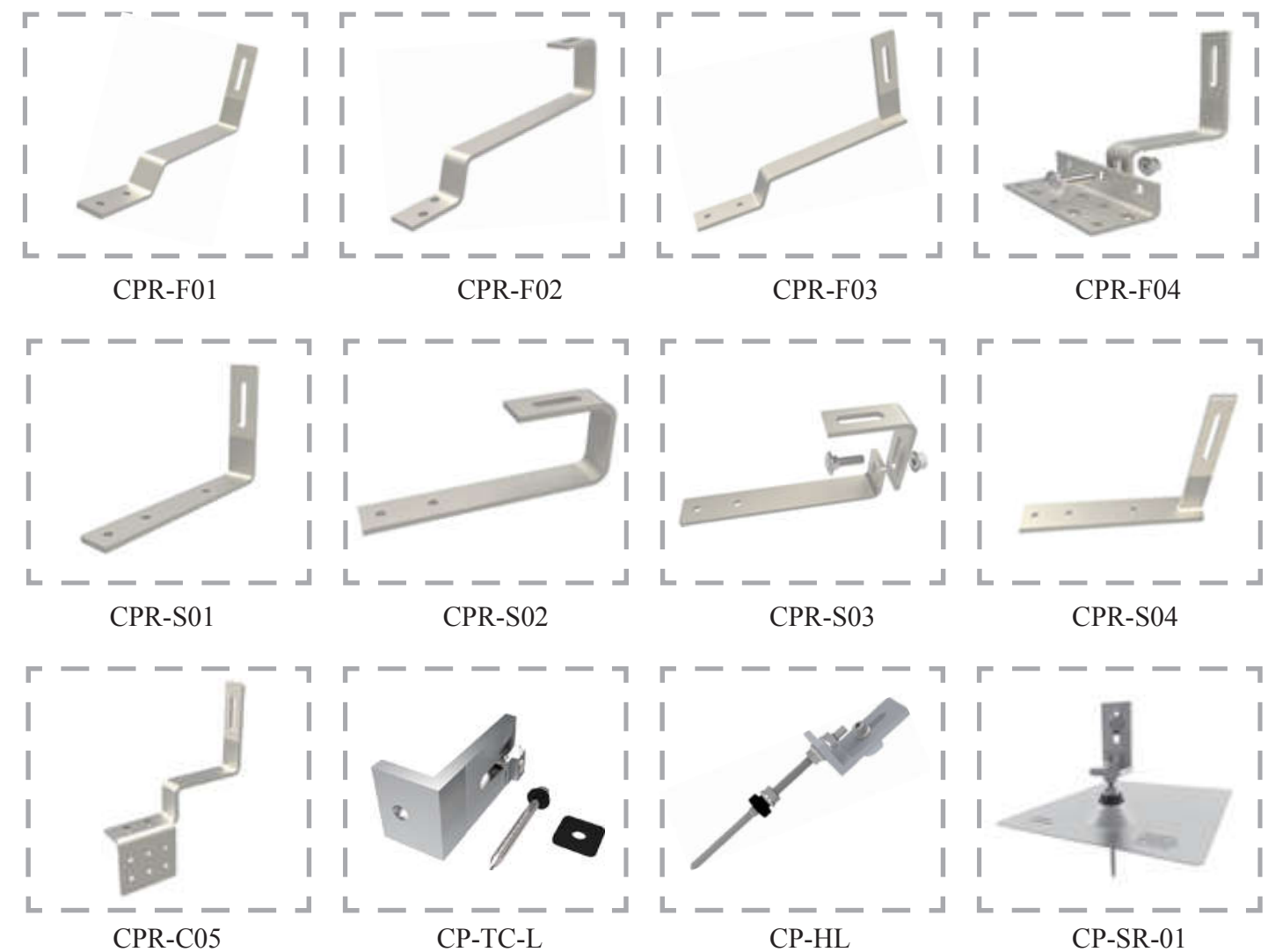
Wooden Beam Roof Solar Mounting System



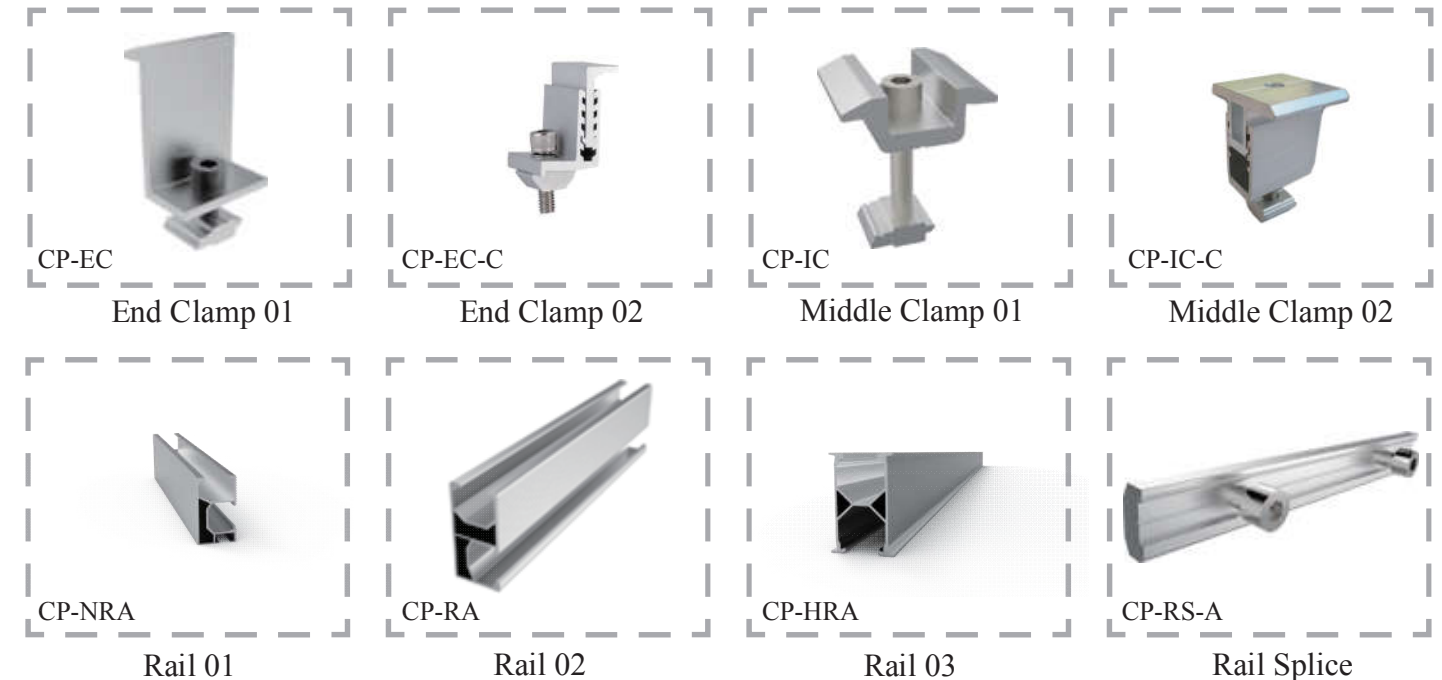
Intallation Guide



Main Hooks



Main Components



Accessories

Cable Clip



CPR-CC01



CPR-CC02



CPR-CC03



CPR-CC04



CPR-CC05



CPR-CC06



CPR-CC07



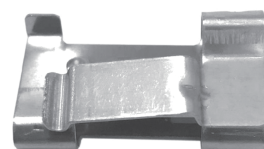
CPR-CC08



CPR-CC09



CPR-CC10



CPR-CC11



CPR-CC12

Conductive Sheet



CPR-CS01



CPR-CS02



CPR-CS03



CPR-CS04



CPR-CS05



CPR-CS06



CPR-CS07



CPR-CS08



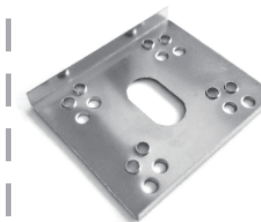
CPR-CS09



CPR-CS10



CPR-CS11



CPR-CS12



CPR-CS13



CPR-CS14



CPR-CS15



CPR-CS16

Middle/End Clamp



CP-IC-01



CP-IC-02



CP-IC-03



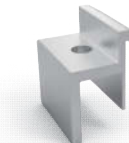
CP-IC-04



CP-IC-05



CP-EC-01



CP-EC-02

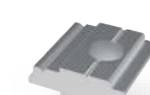


CP-EC-03

Fixture Block



CP-FB-01



CP-FB-02

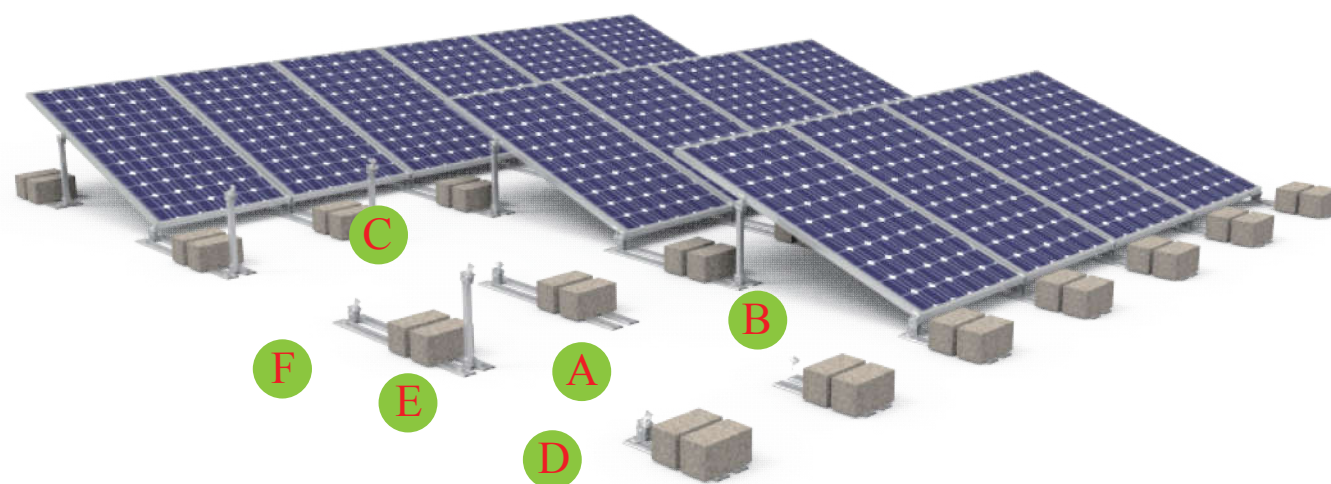


CP-FB-03



CP-FB-04

Non- Penetrating Ballast Flat Roof Mounting System



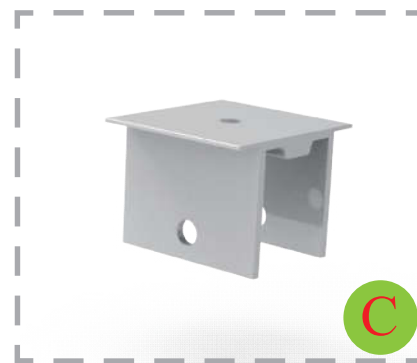
Main Components



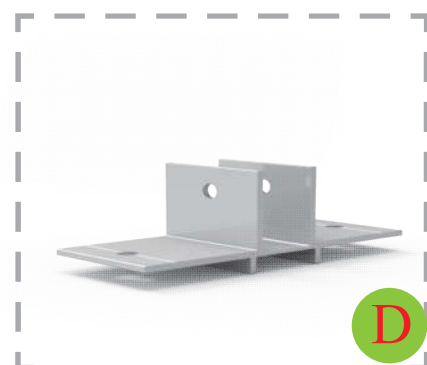
End Clamp



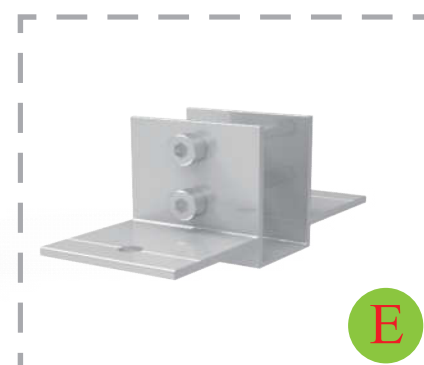
Mid Clamp



Top Base



Front Base

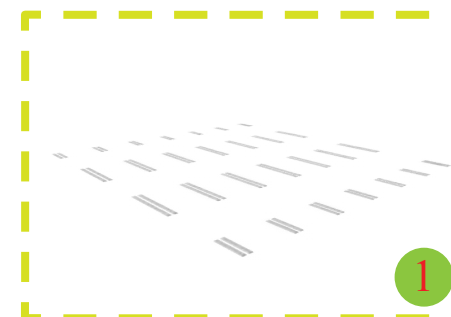


Rear Base

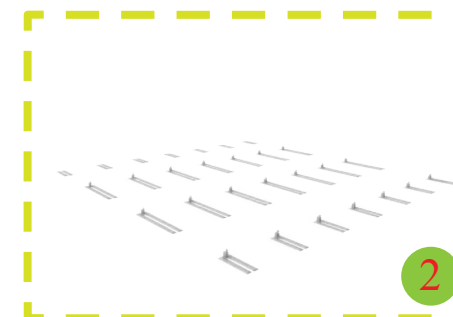


Rail/Leg

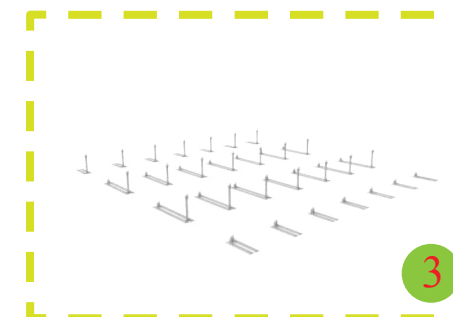
Installation Guide



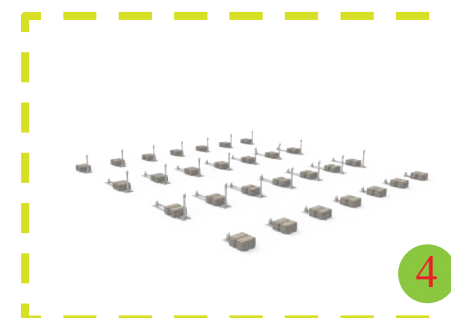
Put the rail in the right place



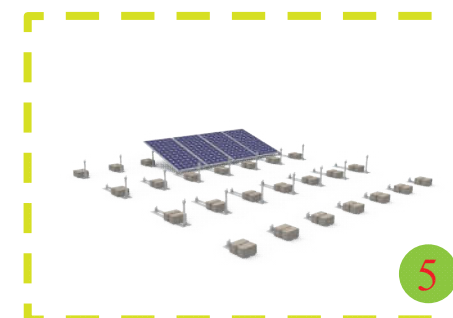
Fix Front Base on the Rail



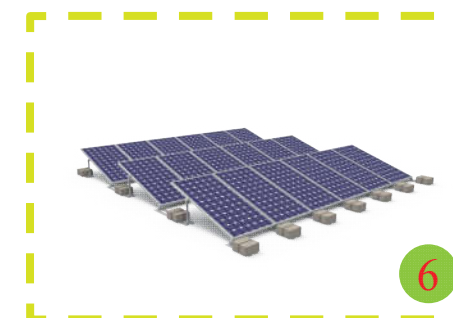
Fix Rear Leg on the Rail



Fix Concrete blocks



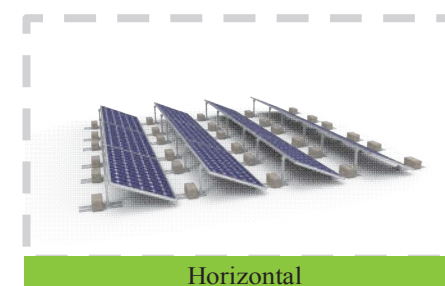
Fix End/Mid Clamp



Fix Panels with Clamps

Detail Information

Basement:	concrete blocks
The Inclination Angle:	within 60 degrees
The Maximum Wind Speed:	60 m/s
Snow Load:	within 1.5m
Applicable Module:	framed or frameless
Solar Panel Direction:	horizontal or portrait
Material:	aluminum 6005-T5& stainless steel 304
Guarantee Years:	10 years
Service Years:	around 25 years
Surface Preparation:	anodizing



Horizontal



East-West

Ajustable Triangle Solar Panel Mount



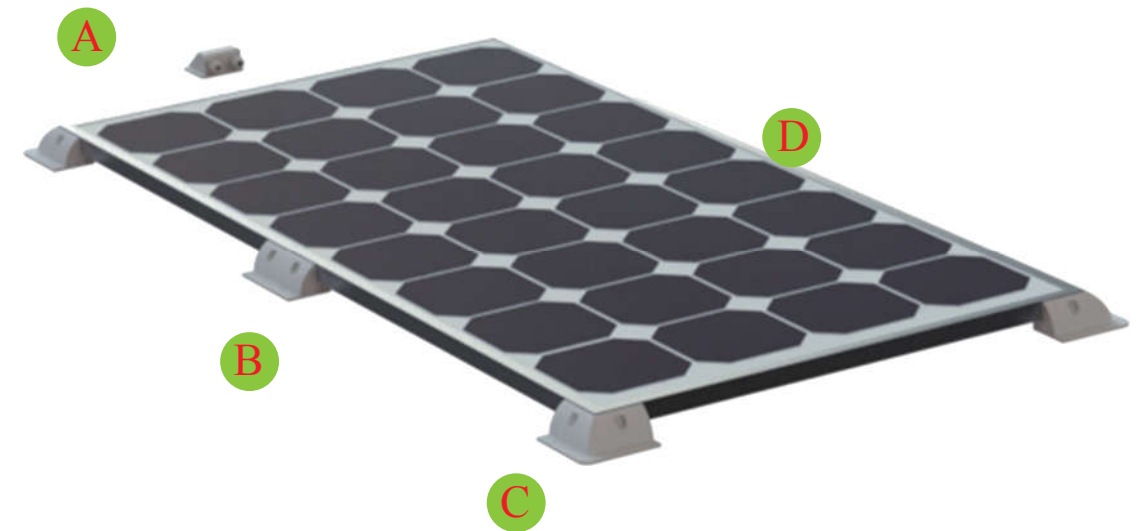
Notice: This equipment should be installed, adjusted, and serviced by qualified electrical maintenance personnel familiar with the construction and operation of the equipment and the hazards involved

Compatible with 100W to 300W panels..

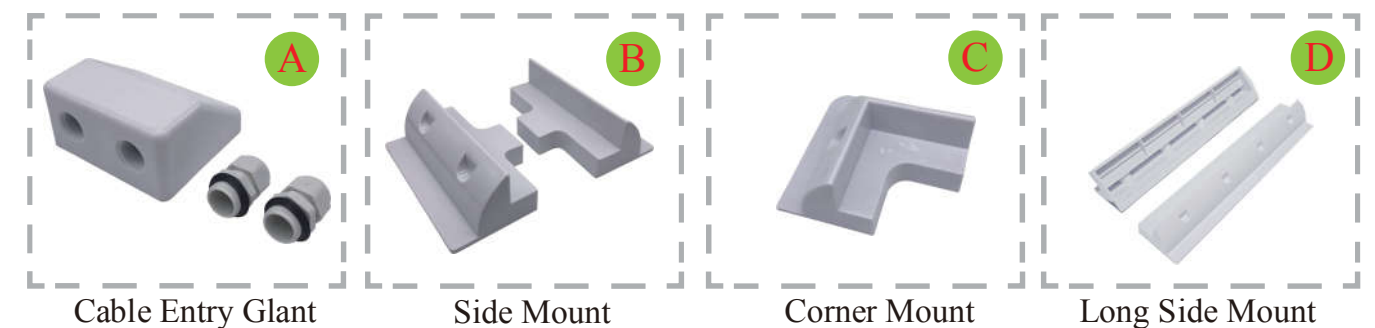
Detail Information

Product Name:	Ajustable portable solar panel mount
Mount Location:	Flat roof/Metel Roof
Mount Angle:	Varies with the size of the solar panel
Wind load:	60m/s
Snow load:	1.6KN/m2
Applicable Solar Panels:	Framed Panels & Frameless Panels
Solar Panel Layout:	Horizontal Panel Installation & Vertical Panels Installation
Design Standard:	AS/NZS 1170,DIN 1055,JIS C8955 2017
Rack Material:	Al/6005-T5(Surface Anodic Oxidation)
Fastener Material:	SUS304
Column Color:	Natural Silver or Customized
Warranty Period:	10 years
Service Life:	25 years

CP-ABS RV Bracket(White or Black)



Main Components



ABS Plastic Corner Solar Bracket A(white)



ABS Plastic Corner Solar Bracket A(white)

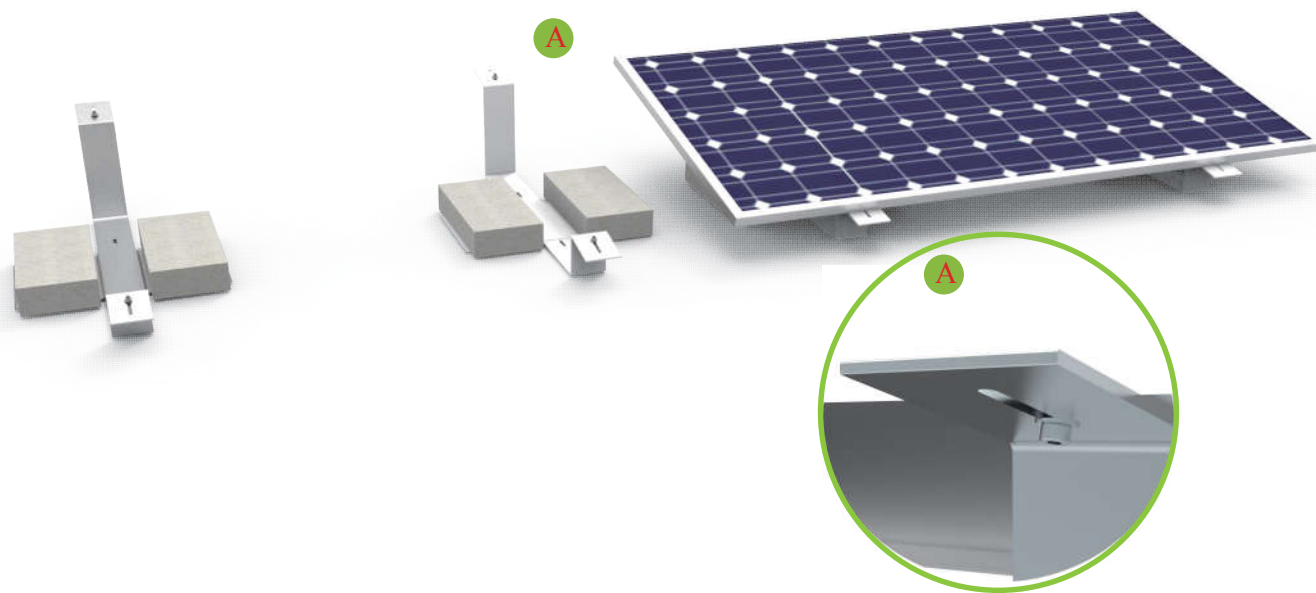


ABS Plastic Corner Solar Bracket A(Black)



ABS Plastic Corner Solar Bracket A(Black)

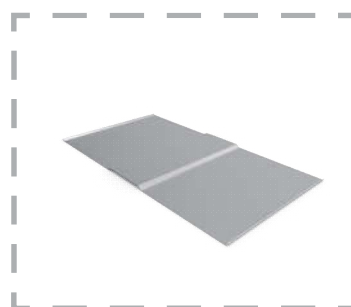
Stainless Steel



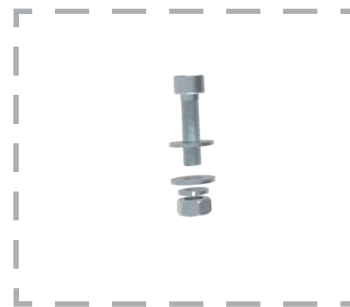
Main Components



hook

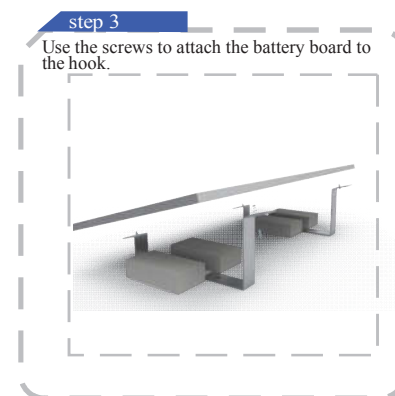
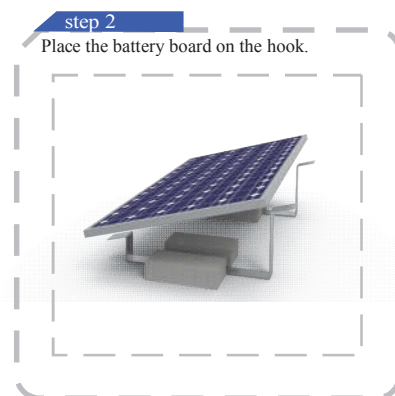
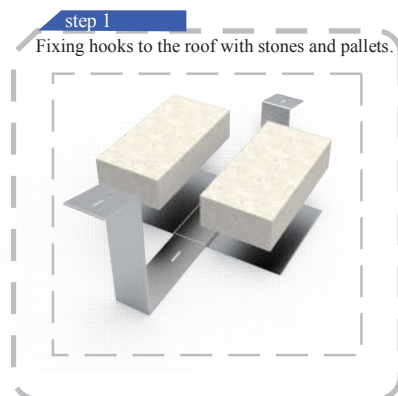


pallet

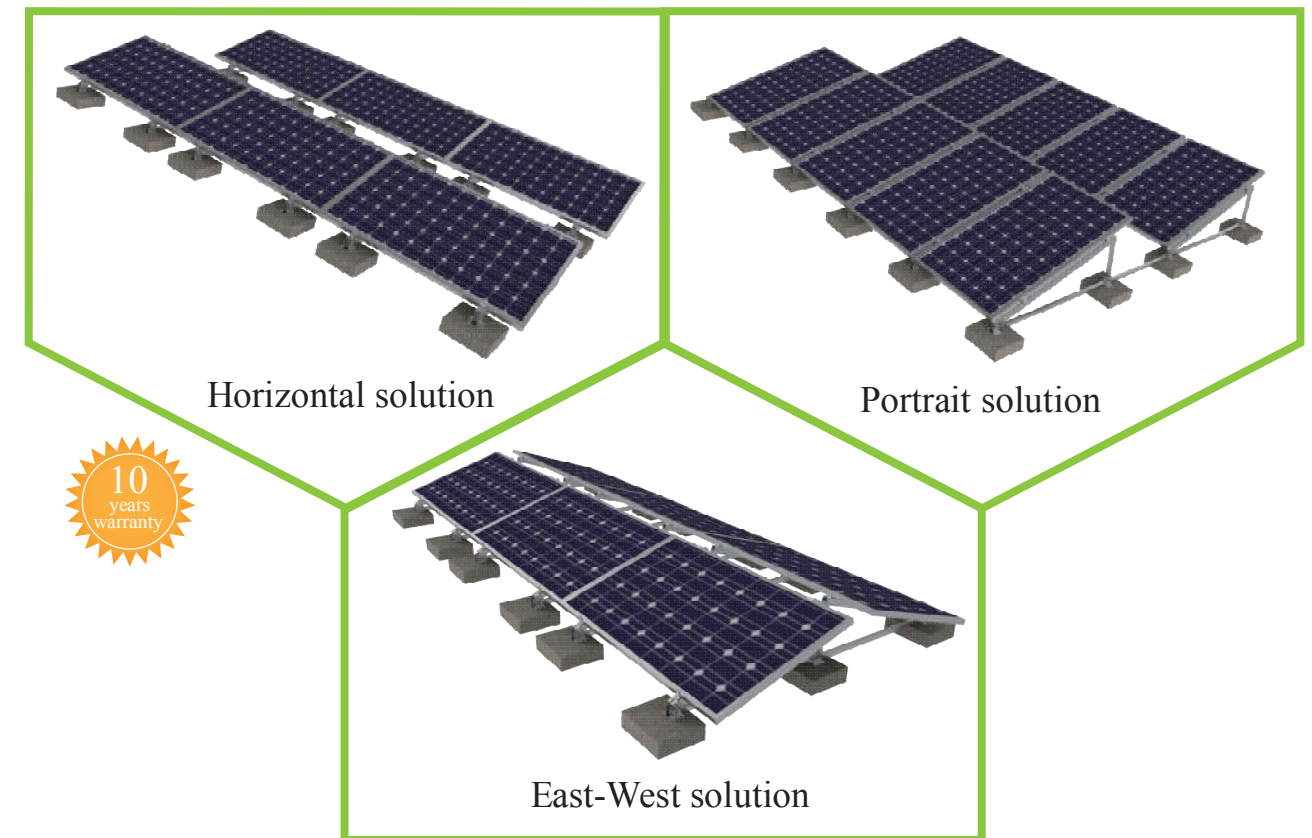


screw

Installation Guide

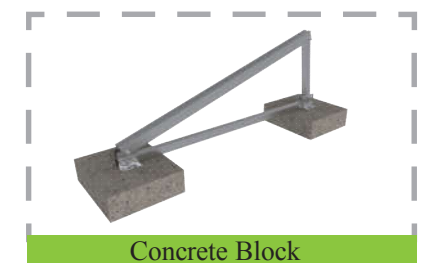


Hot Sale Flat Roof Solar Mounting System



Detail Information

Basement:	concrete blocks
The Inclination Angle:	within 60 degrees
The Maximum Wind Speed:	60 m/s
Snow Load:	within 1.5m
Applicable Module:	framed or frameless
Solar Panel Direction:	horizontal or portrait
Material:	aluminum 6005-T5& stainless steel 304
Guarantee Years:	10 years
Service Years:	around 25 years
Surface Preparation:	anodizing



Concrete Block



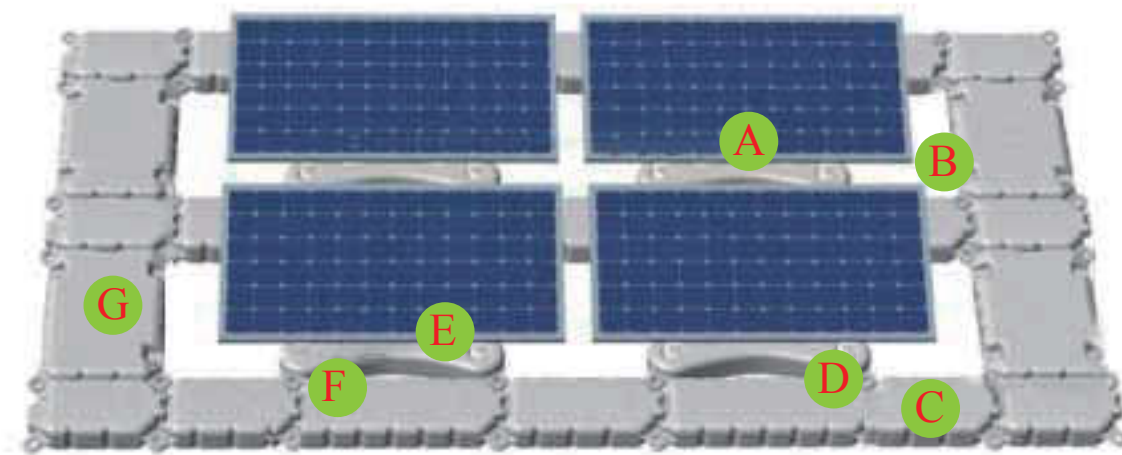
Ballast

Easy Installation

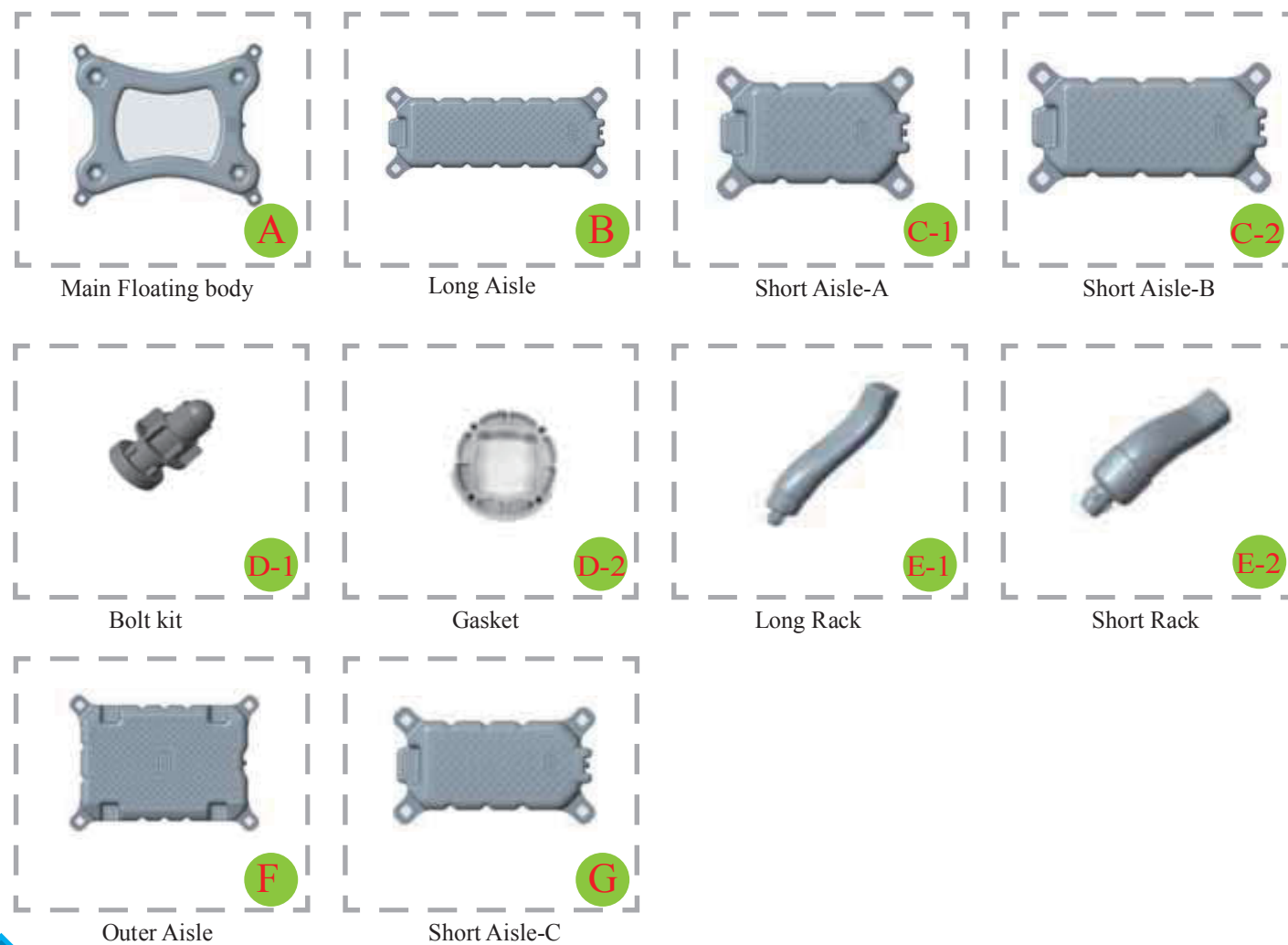
Due to CORIGY's pre-assembly, it's very simple to install the triangle mounting structure, like below three pictures show.



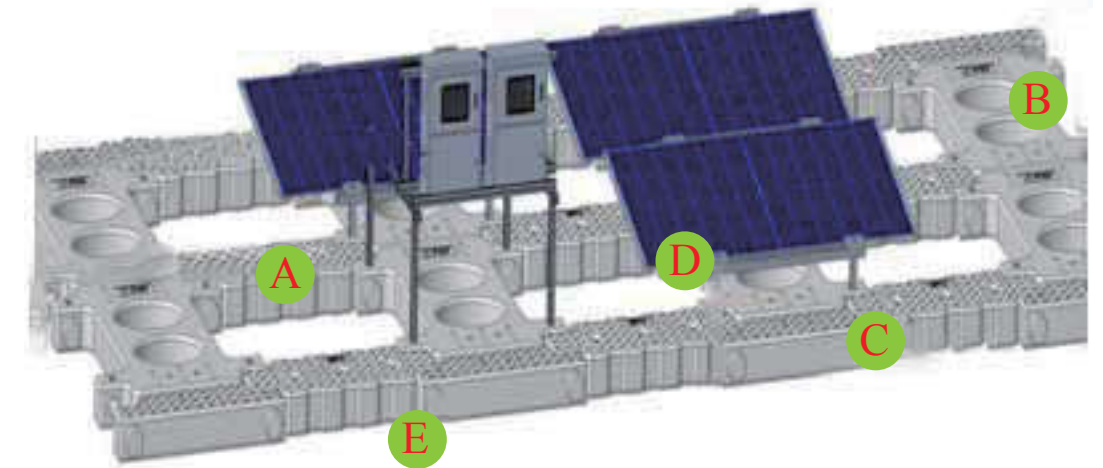
Floating PV platform-I



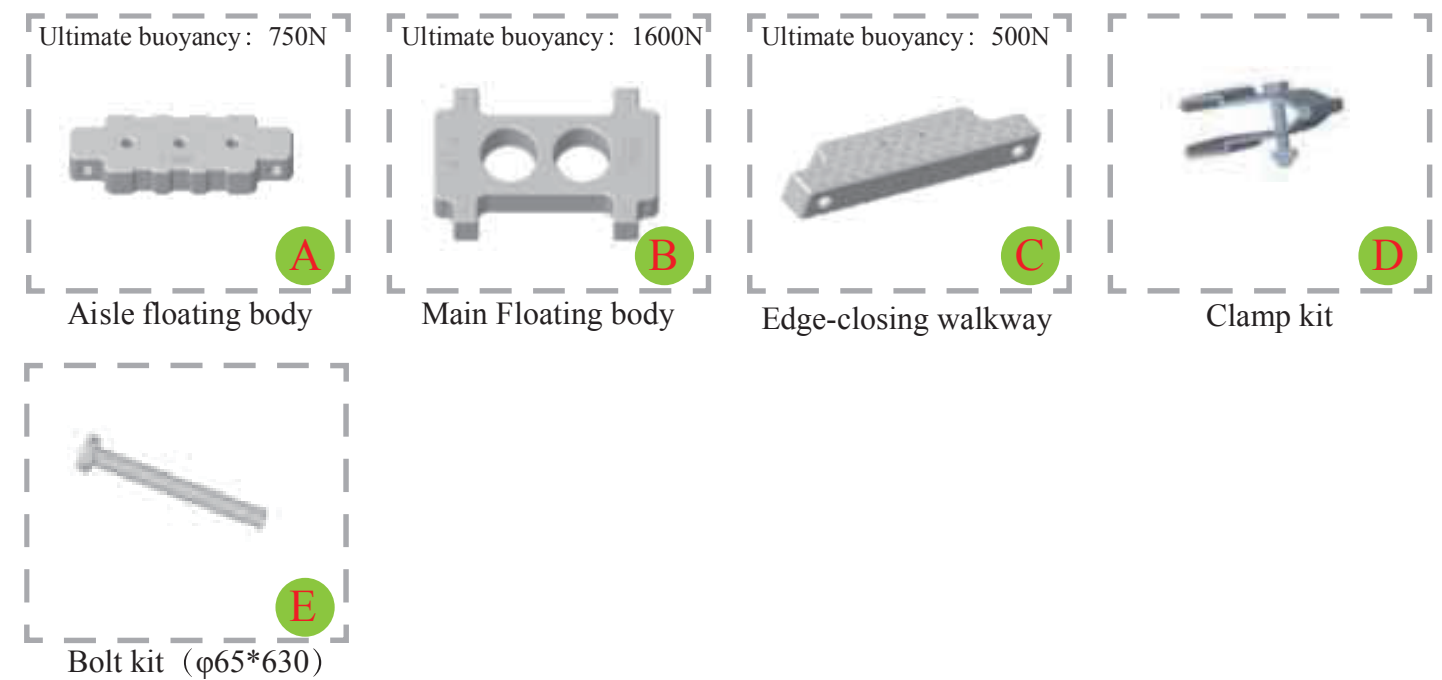
Main Components



Floating PV platform -II



Main Components



Anchorage type



Projects



Projects



OEM/ODM

We can produce or design products according to your needs



Sample display

