

Skyin Energy

Integrate green energy with the world

TIAN HAN GUANG DIAN

**Skyin Energy
Technology Co.
Ltd.**

2023



Skyin Energy Technology Co. Ltd.

Skyin Energy Technology Co. Ltd. was founded in November 2013. It is headquartered in Loujiang New Town, a smart park in Taicang City, Suzhou, China. It is close to the Yangtze River and Shanghai. There is a national first-class port - Taicang Port and a railway hub. With a superior geographical location and convenient transportation, Skyin Energy is a photovoltaic profile and photovoltaic bracket manufacturer integrating R&D, design, production, sales and service. In 2017, we won the title of "High-tech Enterprise".

The Taicang factory covers an area of 26,000 square meters and has 200 employees. Skyin Energy has an advanced aluminum frame production line with a monthly production capacity of 1.8 million sets and a monthly production capacity of 200MW photovoltaic brackets.

Skyin Energy has established a complete quality management system and has always adhered to the purpose of "customer first, sustainable operation". We insist on being market-oriented and committed to product innovation, management innovation, and service innovation. We establish our brand and image with high-quality products and excellent customer experience, and win customer recognition and favor.

Solar Bracket



PV aluminum frame



In 2023, Skyin Energy built a new standard automated factory in Loujiang New Town, Taicang, equipped with advanced industrial profile extrusion equipment. The designed production capacity is: 36,000 tons/year. It is mainly engaged in the fields of photovoltaic brackets, precision processing of industrial materials, and lightweight new energy vehicles. At the same time, a complete aluminum profile production base for extrusion, oxidation, electrophoresis, etc. has been established in Sihong County, Suqian. The factory covers an area of 300 acres. The first phase is designed to have an annual output of 100,000 tons of photovoltaic profiles. It will be put into production in January 2024. The supporting photovoltaic aluminum frame is about 40 million sets/year.

Taking the transformation and upgrading of the aluminum industry, extension of the aluminum profile industry chain and business layout as strategic directions, we are committed to becoming a first-class and influential new energy industry service provider in China.

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Honors & Certificates



ISO 9001:2015 Quality Management System



ISO 45001:2018 Safety Management System



ISO 14001:2015 Environmental Management System



GB/T 23001-2017 Integration of Informationization and Industrialization Management System



Historical Development

2023

The Loujiang New City factory in Taicang City was completed, covering an area of 26,000 square meters. At the end of the same period, Jiangsu Sihong Guang District was completed.

2018

Realize refined production, equipped with 6 fully automatic + semi-automatic production lines. Obtained 2 invention patents and 17 new use patents.

2016

Moved to No. 8 Hubin Road, Taicang City, expanding the production area to 5,400 square meters.

2014

Established a long-term "strategic cooperation agreement" with Taicang Zhongke Information Technology Research Institute. Obtained ISO9001, ISO14001, ISO45001.SGS and other certifications. Turnover exceeded 20 million yuan at the end of the year.

2021

The new factory in Chengxiang Town was completed, covering an area of 20,000 square meters. The latest production equipment was introduced simultaneously to further expand production capacity.

2017

Owned the title of "High-tech Enterprise" and "Jiangsu Province Private Technology Enterprise".

2015

Established a professional R&D team and obtained 15 utility model patents.

2013

Tergy Solar Co.Ltd. established.



Quenching equipment



straighten



sawing

Effectiveness

solid solution

Oxidation (oxidation, sealing, coloring)

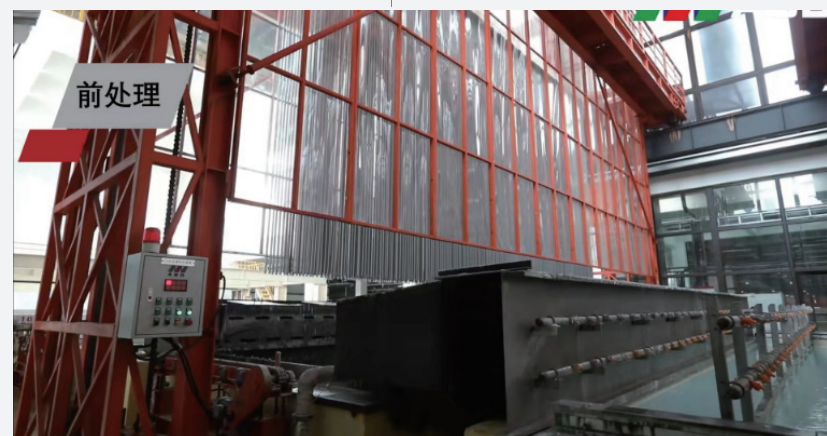


Production Process

Sandblasting machine



Pre-treatment cleaning



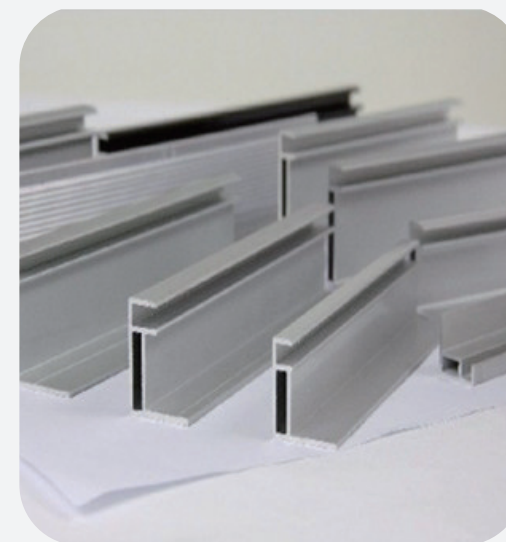
PV Aluminum Frame

Solar PV aluminum frame is installed on the outer edge of the solar PV module with different surface treatment processes, which is used to protect the PV module.



PV aluminum frame

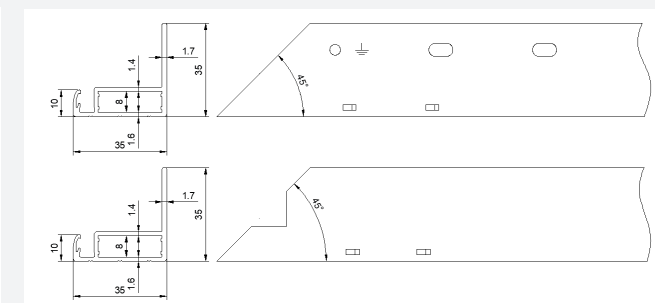
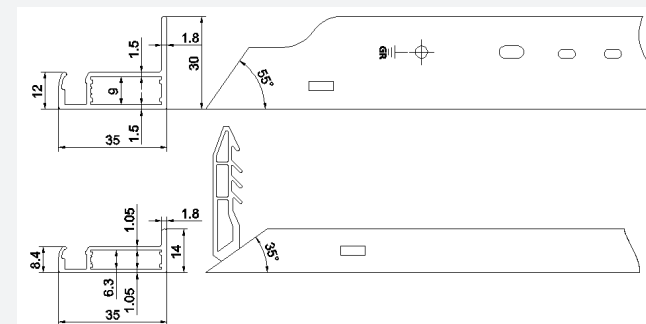
Solar PV aluminum frame is installed on the outer edge of the solar PV module with different surface treatment processes, which is used to protect the PV module.



◆ Processing technology

- ① Regular cutting at 90°、35°、45°、55°.
Also customized is available
- ② Fixed screws
- ③ Fixed Corner Brace
- ④ Hole stamping, grounding mark stamping, etc.

55° and 35° compared with 45° and 45° in the same version, the weight of the frame is reduced by 15% to 20% per set



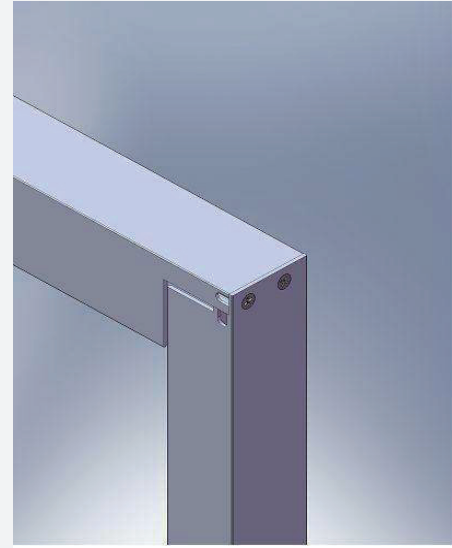
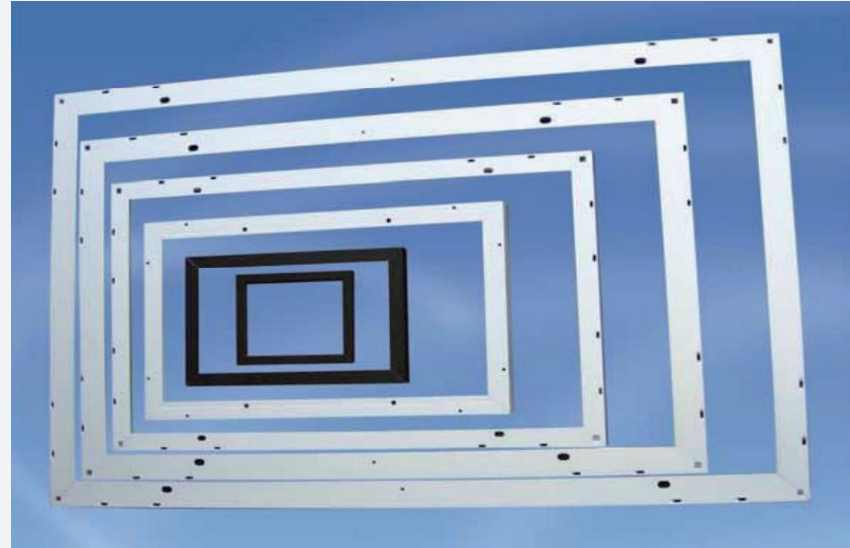
◆ Surface treatment process

- ① Anodizing (Nature color, painting, bronze, black, gold, silver, etc.)
- ② Electrophoresis
- ③ Powder coating, PVDF, polishing and sandblasting

◆ Technical information

- ① Alu Profile 6005 -T6、6063 -T6
- ② Surface treatment process:
Anodizing, electrophoresis, powder coating, PVDF
- ③ Deep processing technology:
Alu profile cutting, drilling, broaching, stamping, polishing, sandblasting

Product Advantage



◆ Imported Equipment

Most of the equipment uses automatic precision imported from Japan and Germany

◆ Variety

Variety of colors and models available to suit various construction conditions

◆ Solid and Durable

Weather resistance, Anti-scratch resistance, corrosion resistance, excellently edge treatment, exquisite appearance, easy to install.

◆ Quality Assurance

Long service life, 20 years warranty

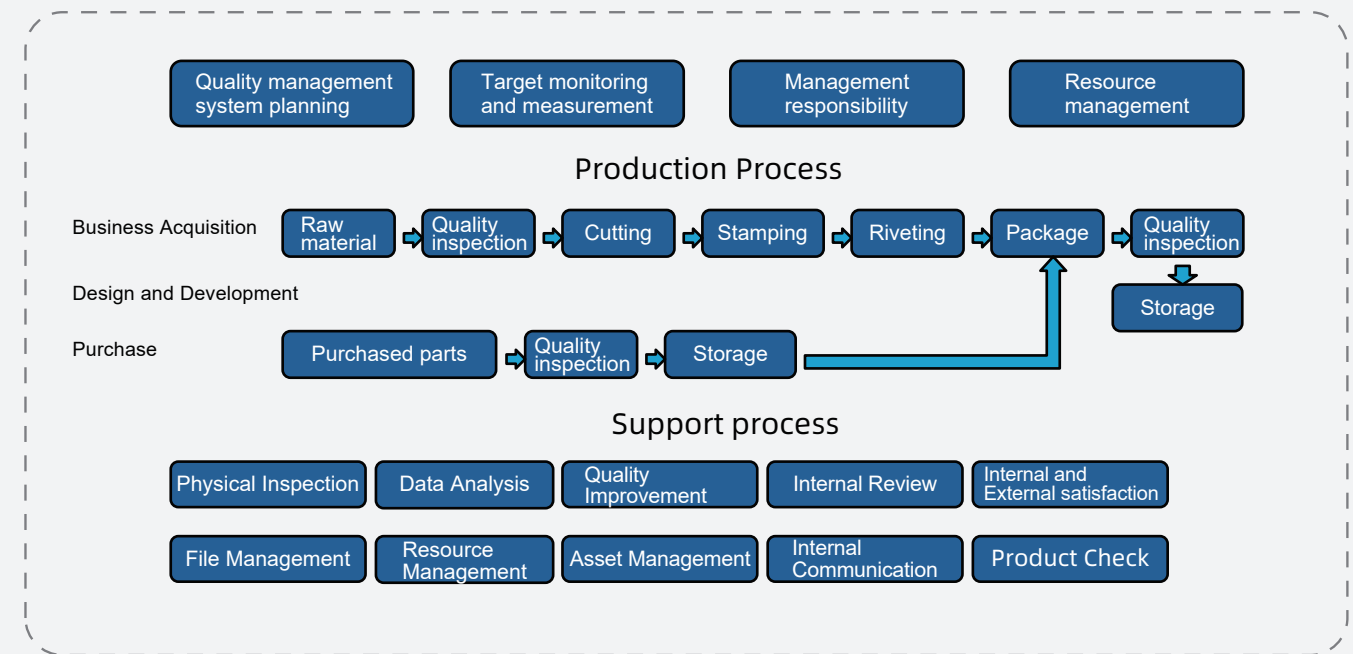
◆ After-sales Service

Technical support and service cover whole country.

◆ Certification

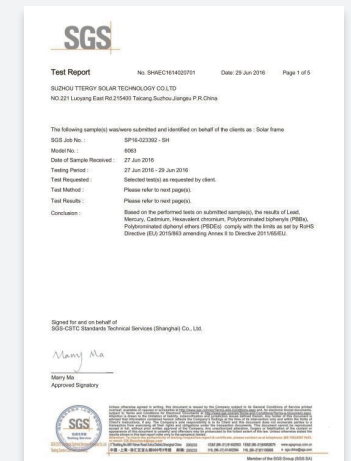
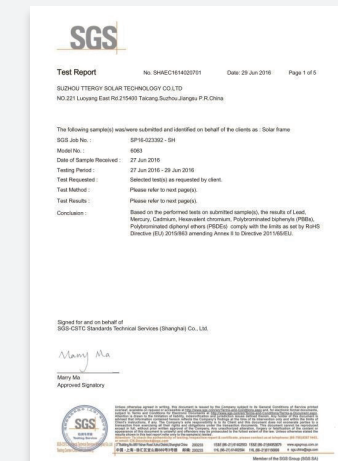
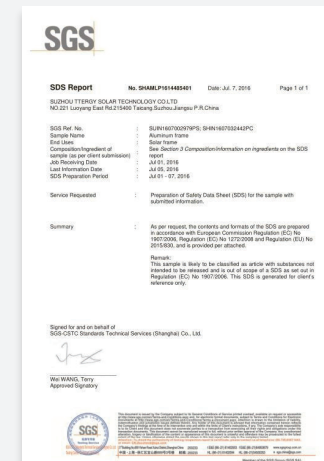
Product quality assurance, has passed ISO9001, ISO14001 quality system certification.

Production Process



Certification

Conduct relevant material certifications every year (SDS ROHS, etc.) to ensure that each product meets international environmental regulations and customer needs



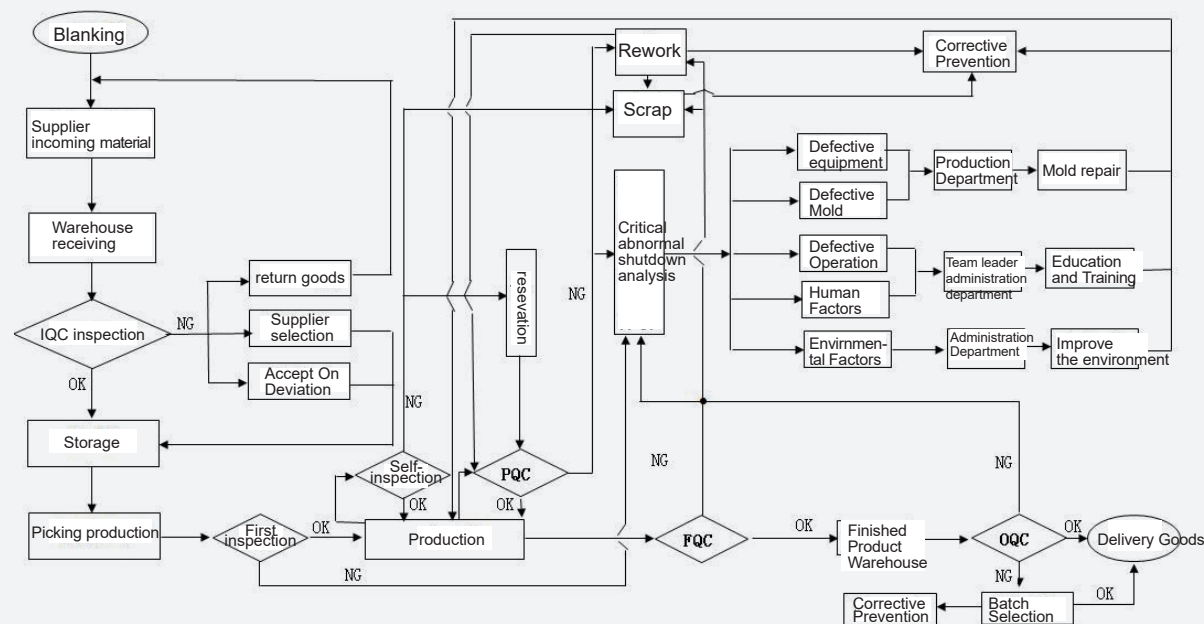
Quality Inspection

◆ Quality Objective

One-time pass rate of products $\geq 98\%$
Customer satisfaction ≥ 95 points

◆ Quality Policy

Customer first, high quality and efficiency
Participation of all employees and continuous improvement



Strict quality control is carried out
in each process; 100% factory inspection



According to the demand, special
inspection tools can be made to check
the length, hole position, bending. Use
alcohol to cleaning each piece of materi-
al to remove surface oil.



Q CELLS

中环环睿
ZHONGHUAN HUANAUI

DMEGC
S O L A R

SUNTECH
尚德电力

中来股份
JOLYWOOD

云程光伏
SUNOVA SOLAR

Hanwha

WINAICO

AUO

PERLIGHT
smart.black

All-Aluminium Ground Mounting Solution I

Product Introduction

GM1 is specially designed for large scale ground solar projects, and it can work with concrete bases or ground screws depending on different soil conditions. With AL-6005 Aluminium alloy material, the whole structure has an excellent anti-corrosive ability and better appearance comparing with steel structure, and highly pre-assembled lightweight support helps to save labor and installation time.

Advantages

- Fast Installation**
 Highly pre-assembled lightweight support increases installation efficiency greatly, and saves labor cost and installation time.
- Adjustability**
 Vertically & horizontally adjustable, remedy on-site installation error and increase solar bracket installation accuracy.
- Recycling**
 Aluminium Alloy can be recycled, which ensures zero emission of industrial waste.
- Safety & Reliability**
 Structures are checked and tested for use in extreme weather and geographical conditions.
- Warranty**
 10 Years' Warranty, 20 Years' Life Span.

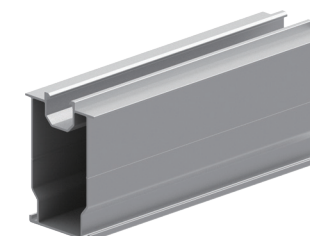
Part List

PS-GM1-S



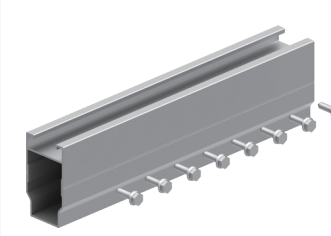
GM1 Pre-assembled Support

PS-R-HP/SPXX



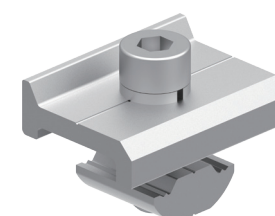
Rail

PS-SP-RXX



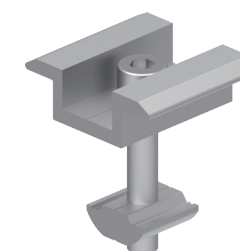
Rail Splice

PS-RC-ST



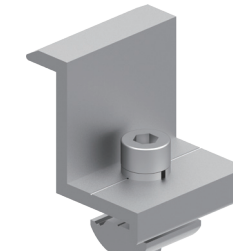
Rail Clamp Kit

PS-MC-ST



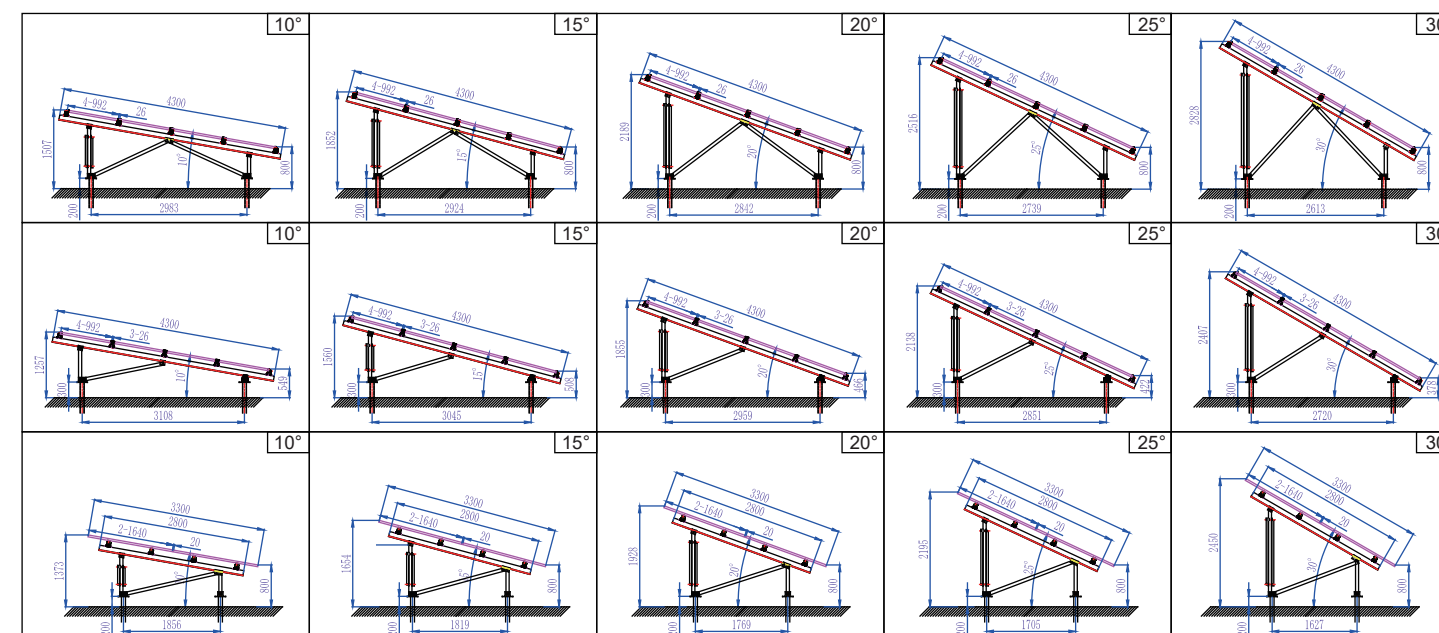
Inter Clamp Kit

PS-IC-ST



End Clamp Kit

Side View



Technical Coefficient			1.4KN/m ²		≤ 42m/s		JIS 8955 : 2017 ; AS/NZS 1170; DIN1055; ASCE_7-05; IBC2009
	Open Ground		Frame Frameless		0°~45°		Anodizing; Silver or Customized
	Landscape/ Portrait		Design based on project requirements.		≥ 0.5m		10 Years

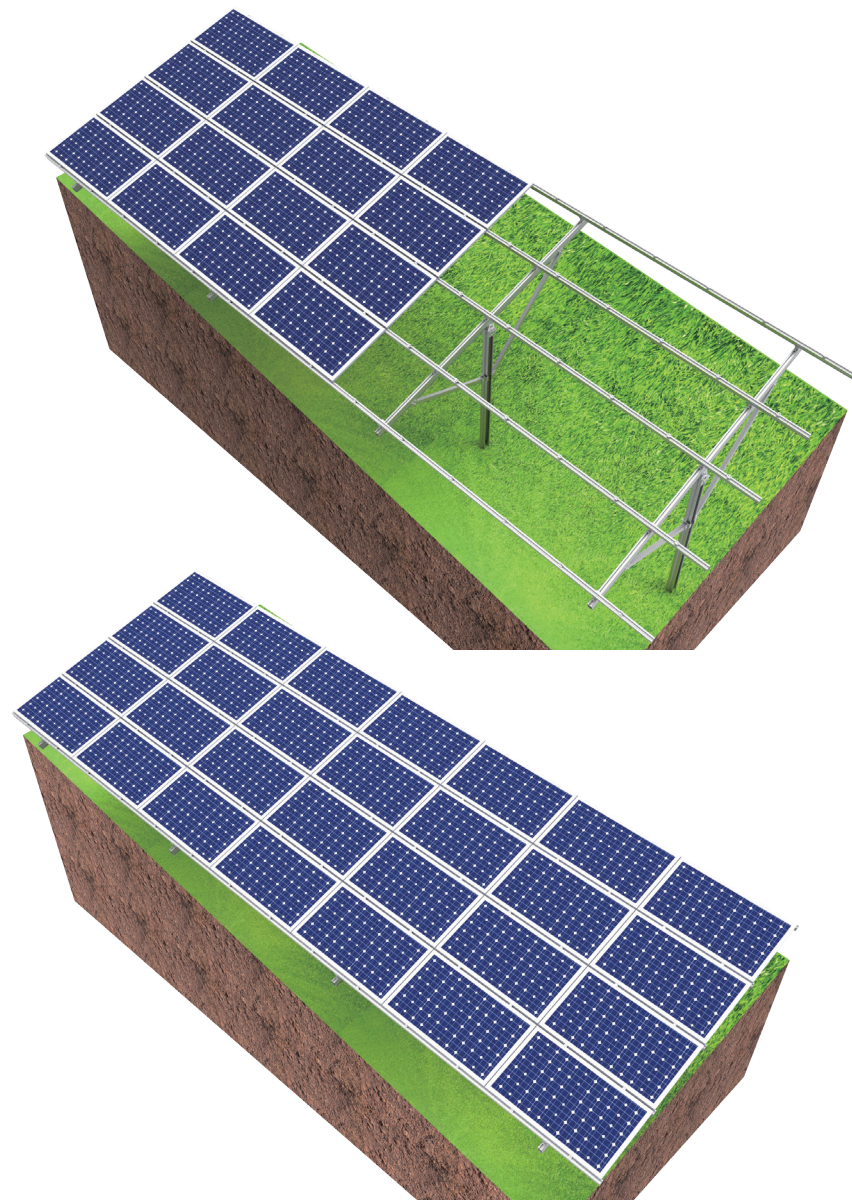
Single Post Ground Mounting Solution II

Product Introduction

GM II is suitable for the large scale solar PV power plant installation with single steel pile foundation. Combining single steel post with aluminium structure perfectly, GM II has a good performance in withstanding heavy wind load and snow load, also improving the installation efficiency and saving the cost. With Hot-Dip Galvanized surface treatment, single steel pile has a high anti corrosion ability.

Advantages

- Fast Installation**
 Highly pre-assembled lightweight support increases installation efficiency greatly, and saves labor cost and installation time.
- Adjustability**
 Vertically & horizontally adjustable, remedy on-site installation error and increase solar bracket installation accuracy.
- Recycling**
 Aluminium Alloy can be recycled, which ensures zero emission of industrial waste.
- Safety & Reliability**
 Structures are checked and tested for use in extreme weather and geographical conditions.
- Warranty**
 10 Years' Warranty, 20 Years' Life Span.

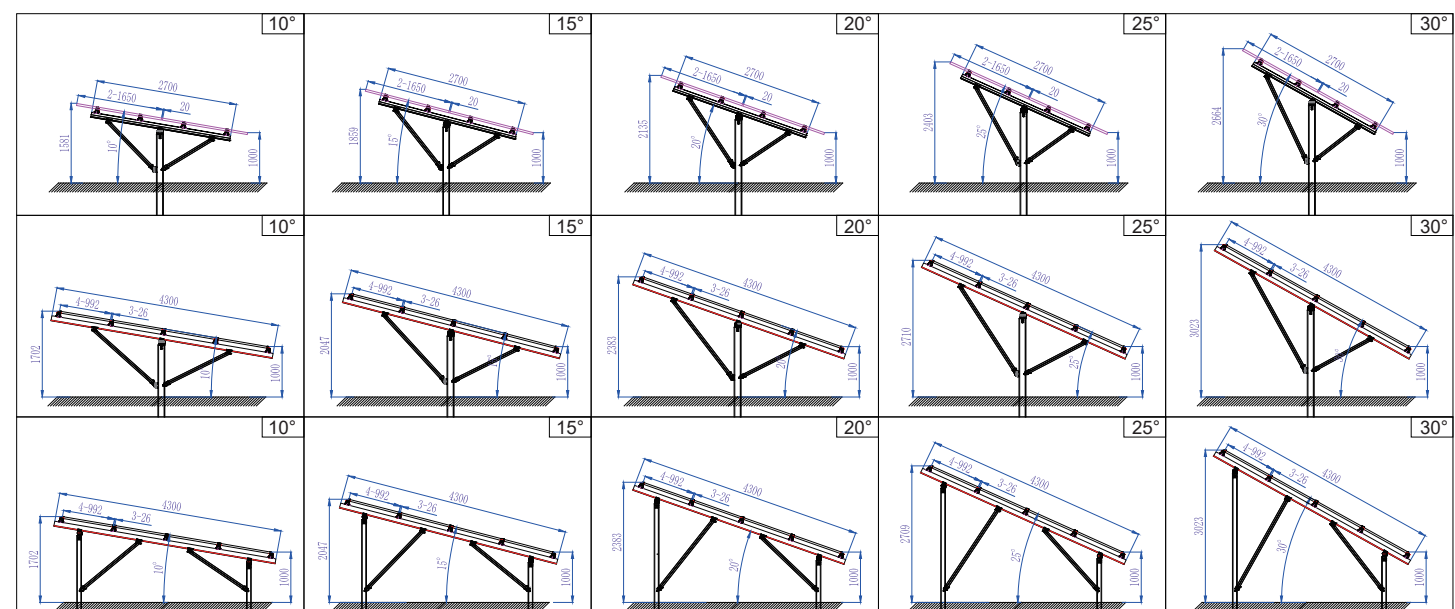


Technical Coefficient			1.4KN/m ²		≤ 42m/s		JIS 8955 : 2017 ; AS/NZS 1170; DIN1055; ASCE_7-05; IBC2009
	Open Ground		Frame Frameless		0°~45°		Anodizing; Silver or Customized
	Landscape/ Portrait		Design based on project requirements.		≥ 0.5m		10 Years

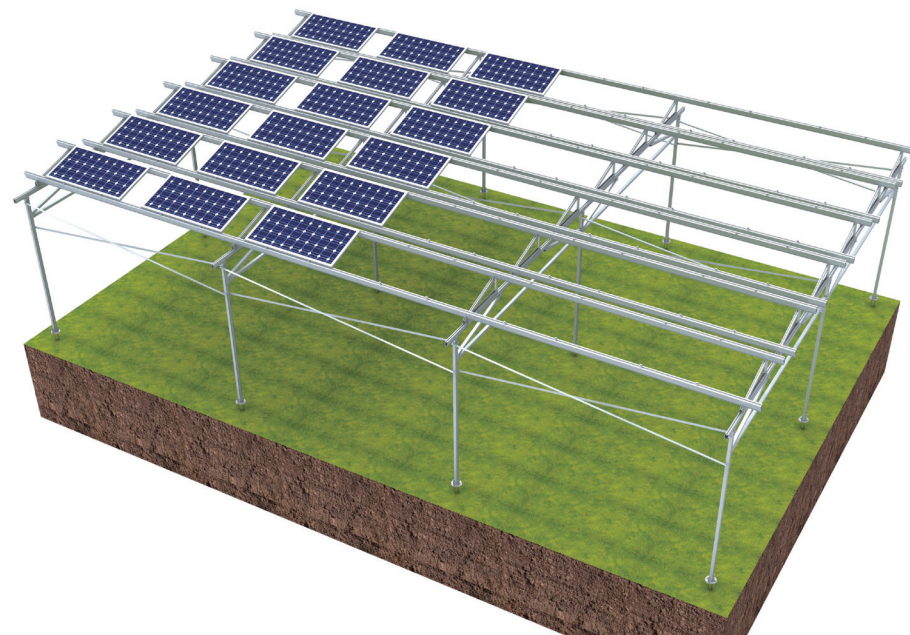
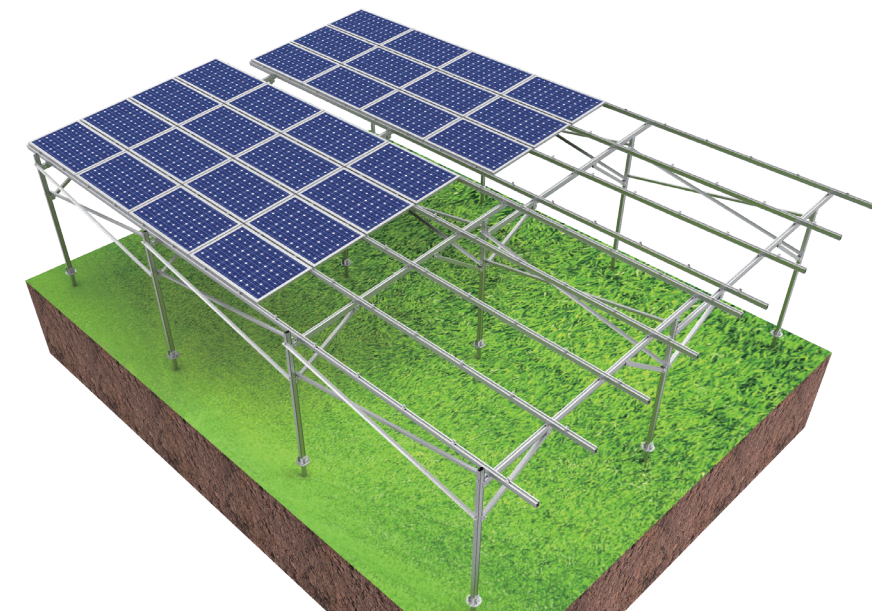
Part List



Side View



AG Ground Mounting Solution



Product Introduction

Proper sunlight is benefit for plant growth, and excess sunlight can not accelerate the plant growth. AG Ground Mounting System can make full use of the surplus sunlight to generate electricity, which is equal to make a good utilization of the land resource. It has developed a new way to deploy the solar PV power plant and reduce the emission of carbon. According to the sunlight requirement of plant, AG Ground Mounting System can be customized with different light transmittance.

Advantages

- Fast Installation**
Highly pre-assembled lightweight support increases installation efficiency greatly, and saves labor cost and installation time.
- Adjustability**
Vertically & horizontally adjustable, remedy on-site installation error and increase solar bracket installation accuracy.
- Recycling**
Aluminium Alloy can be recycled, which ensures zero emission of industrial waste.
- Safety & Reliability**
Structures are checked and tested for use in extreme weather and geographical conditions.
- Warranty**
10 Years' Warranty, 20 Years' Life Span.

Technical Coefficient			1.4KN/m ²		≤ 42m/s		JIS 8955 : 2017 ; AS/NZS 1170; DIN1055; ASCE_7-05; IBC2009
	Open Ground		Frame Frameless		0°~45°		Anodizing; Silver or Customized
	Landscape/ Portrait		Design based on project requirements.		≥ 0.5m		10 Years
Installation Site		Panel Type		Tilt Angle		Surface Treatment	
Panel Orientation		Panel Layout		Ground Clearance		Warranty	

Part List

PS-AG-BK



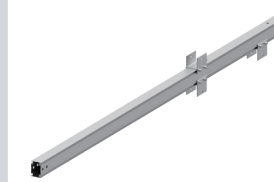
AG Beam

PS-AG-FPK



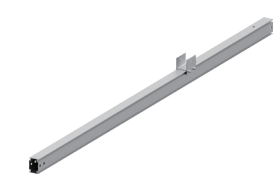
AG Front Post

PS-AG-MPK



AG Middle Post

PS-AG-BPK



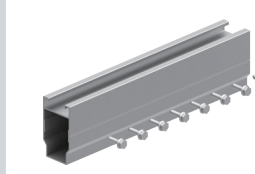
AG Back Post

PS-S-HP/SPXX



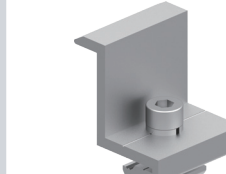
Rail

PS-SP-RXX



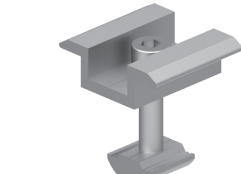
Rail Splice

PS-EC-ST



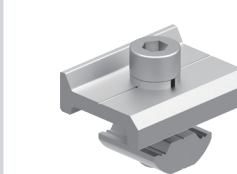
End Clamp Kit

PS-IC-ST



Inter Clamp Kit

PS-RC-ST



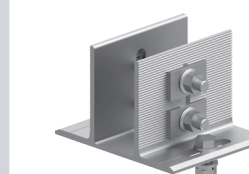
Rail Clamp Kit

PS-HBS76-XX



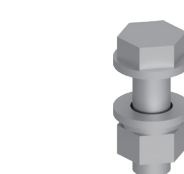
Helical Blade Screw Pile

PS-AG-AP100



AG Anchor Plate

PS-HB-M12/40



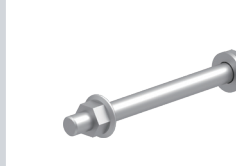
Hexagon Bolt M12*40 Kit

PS-AA-XX



Brace

PS-HB-M10*110



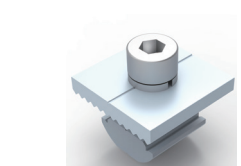
Hexagon Bolt M10*110 Kit

PS-TPR-XX



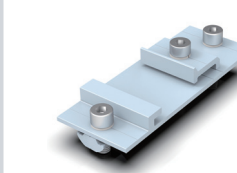
Tripod Kit

PS-AG-TS



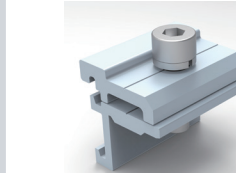
Tripod Stopper

PS-RS-50



Rail Stopper

PS-TC-ST



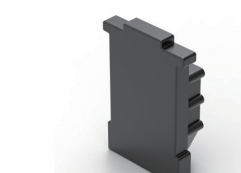
Clamp for Tripod Base Rail

PS-CAP-B



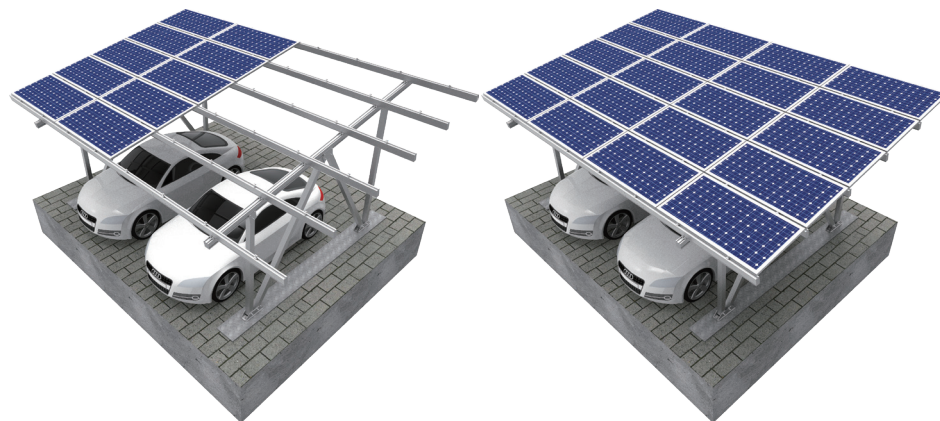
End Cap for Beam

PS-CAP-RXX



End Cap for Rail

Solar Carport Mounting Solution



Product Introduction

Solar Carport not only can reduce the sunlight damage to the vehicle, but also can make good use of the land resource for power generating. Furthermore, only if installing the charger cabinet under the carport and sourcing the electricity from carport, the vehicle can be charged. Comparing the traditional carport, optimize the structure of beam and rail, which can guide the water to the water slot inside the structure to realize the waterproof.

Advantages

Fast Installation

Highly pre-assembled light weight support increases installation efficiency greatly, and saves labor cost and installation time.

Innovation

Innovative, environmentally friendly

Safety & Reliability

Structures are checked and tested for use in extreme weather and geographical conditions.

Warranty

10 Years' Warranty, 20 Years' Life Span.

Ground Screw



Product Introduction

Ground Screw is a new foundation type for the ground mounting system. The application has been widely applied to develop ground solar projects. Due to its unique design and durable quality. Ground Screw ensures clients a simpler, faster installation with high effectiveness.

Advantages

Fast Installation

1. There is no need to dig pits, set up formwork, pour cement, and backfill during construction, and no waste soil will be generated.
2. There is little vibration and noise during construction; fast installation, few materials, and lower cost.
3. The construction is simple, even the novice can start piling construction immediately after receiving simple training.
4. It is rarely affected by weather and venue.

Environmental Friendly

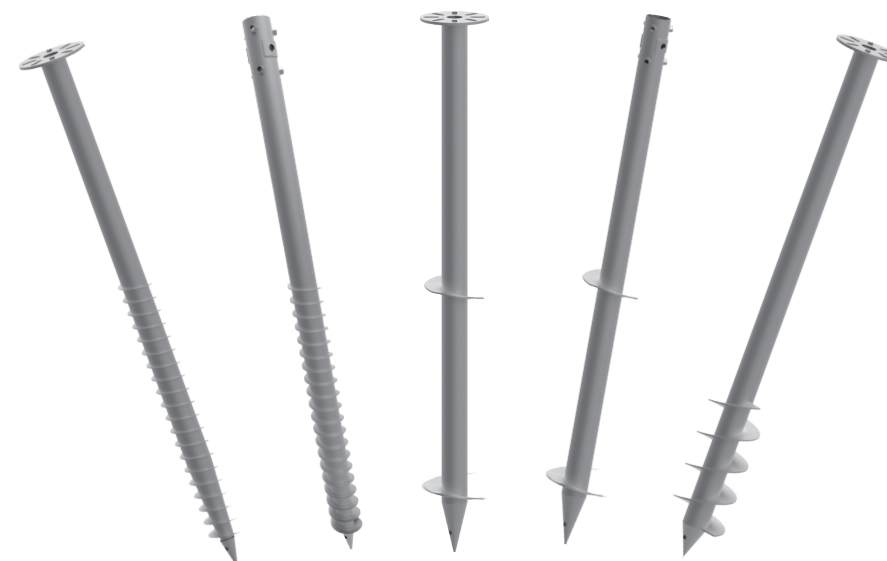
Driving the screw pile into the ground does not require excavation, and will not cause damage to vegetation and the ecological environment; no scraps will be generated during construction, nor will it cause alkali pollution caused by cement; compared with cement foundations, the operation is more efficient, no need to worry about setting up formwork and muck and other waste issues; after installing the special adapter for screw ground piles, the pile driver can carry out piling construction; it is also easy to dismantle, and the used ground piles can be sold as scrap iron. Demolition work and land restoration work are simple, efficient, and economical.

Long Durability

The shape of the spiral ground screw pile can be directly fixed on the ground, and the surface is hot-dip galvanized, which has strong corrosion resistance; Drainage holes are added at the tip of the bottom of the screw pile to prevent water accumulation, not easy to corrode, and ensure 20-year service life.

Universal

It has a wide range of applications, not only for solar power stations but also for the basic construction of guardrails, landscape wooden huts, billboards, etc.



Standard Product

Product Name : Ground Screw (fixed flange)

Product Code : PS-GS76-1600F-T3.0

Material : Carbon Steel (Q235B/ISO 630 Fe360D)

Surface Treatment : Hot-dip Galvanized (DIN EN ISO 1461)

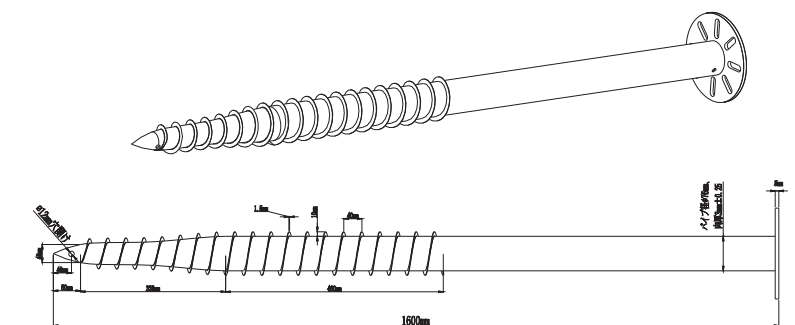
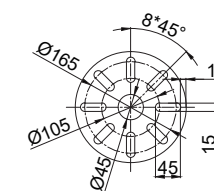
The average thickness of zinc coating is more than 80um

Length : 1600mm

Pipe Diameter : 76mm

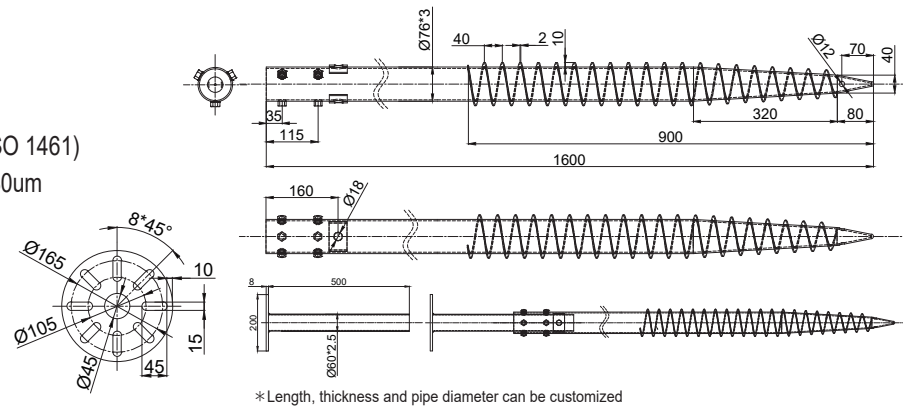
Pipe Thickness : 3.0mm

Flange Diameter : 200mm

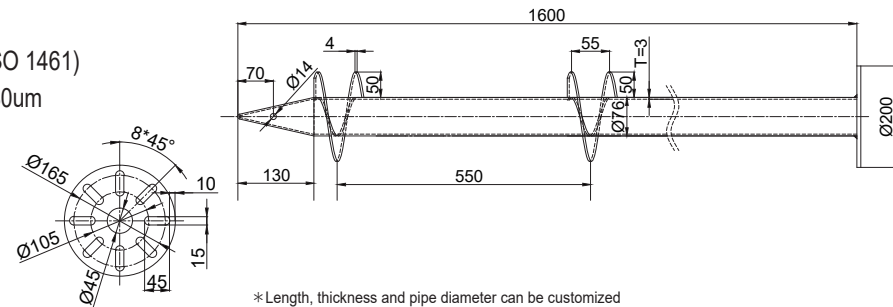


Product Parameter

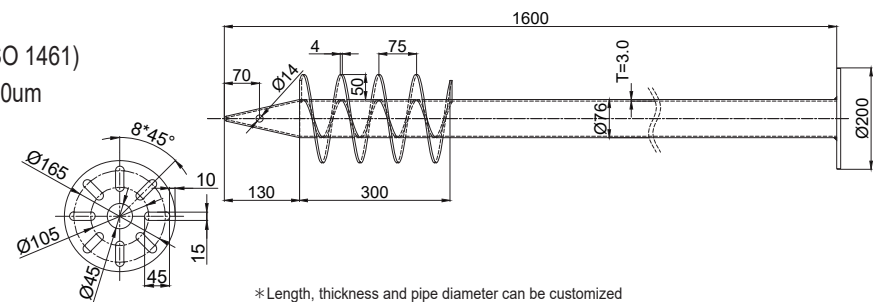
- Product Name : Adjustable Ground Screw
- Product Code : PS-AGS76-1600-T3.0
- Material : Carbon Steel (Q235B/ISO 630 Fe360D)
- Surface Treatment : Hot-dip Galvanized (DIN EN ISO 1461)
- The average thickness of zinc coating is more than 80um
- Length : 1600mm
- Pipe Diameter : 76mm
- Pipe Thickness : 3.0mm
- Flange Diameter : 200mm



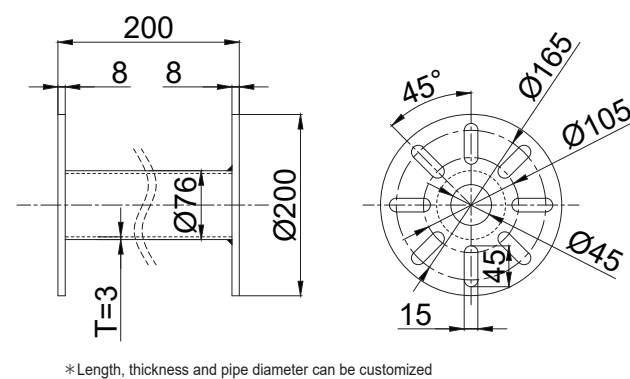
- Product Name : Double Blade Screw Pile (fixed flange)
- Product Code : PS-DBS76-1600-T3.0
- Material : Carbon Steel (Q235B/ISO 630 Fe360D)
- Surface Treatment : Hot-dip Galvanized (DIN EN ISO 1461)
- The average thickness of zinc coating is more than 80um
- Length : 1600mm
- Pipe Diameter : 76mm
- Pipe Thickness : 3.0mm
- Flange Diameter : 200mm



- Product Name : Helical Blade Screw Pile (fixed flange)
- Product Code : PS-HBS76-1600-T3.0
- Material : Carbon Steel (Q235B/ISO 630 Fe360D)
- Surface Treatment : Hot-dip Galvanized (DIN EN ISO 1461)
- The average thickness of zinc coating is more than 80um
- Length : 1600mm
- Pipe Diameter : 76mm
- Pipe Thickness : 3.0mm
- Flange Diameter : 200mm



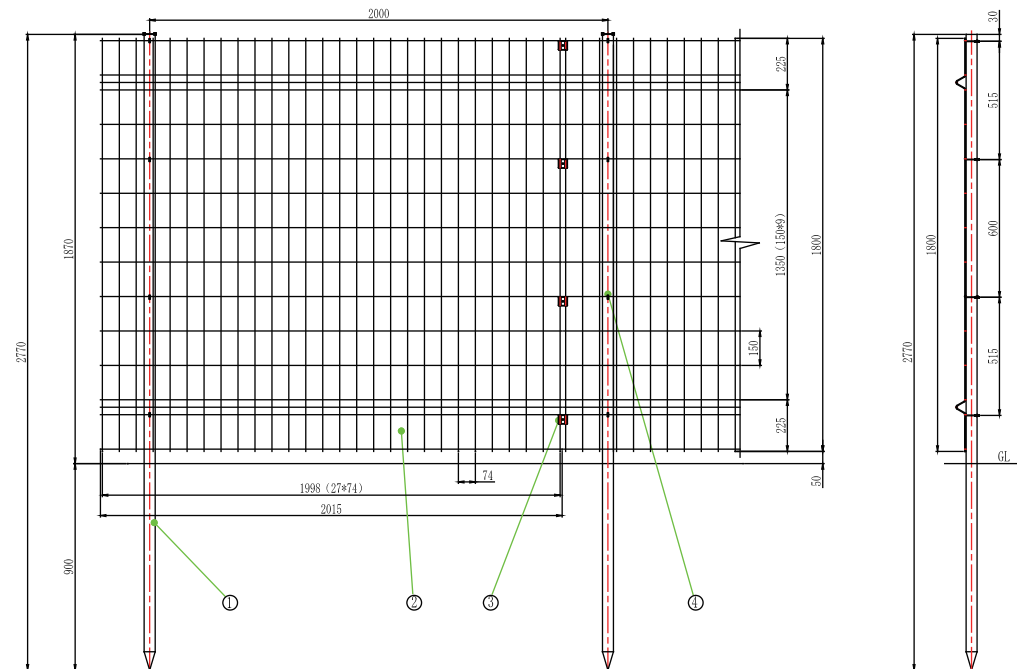
- Product Name : Double Flange Heightening Pile
- Product Code : PS-DFH76-200-T3.0
- Material : Carbon Steel (Q235B/ISO 630 Fe360D)
- Surface Treatment : Hot-dip Galvanized (DIN EN ISO 1461)
- The average thickness of zinc coating is more than 80um
- Length : 1600mm
- Pipe External Diameter : 76mm
- Pipe Internal Diameter : 70mm
- Pipe Thickness : 3.0mm
- Flange Diameter : 200mm



Fence



Fence I



ITEM	DESCRIPTION	MATERIAL	QTY	UNITS
1	Ground pegsΦ48*2770	Q235	1	PCS
2	Mesh 2015*1800	Q235	1	PCS
3	Mesh fasteners 30*34	SUS304	4	SET
4	Hook bolt M6*70	SUS304	4	SET
5	Climbing Fasteners 30*70	SUS304	200M/2Sets	SET

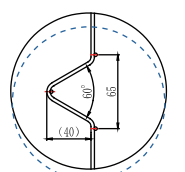
Install the fence

Using a solar fence can ensure both aspects of safety. Fences can act as security barriers to protect highly valuable solar equipment from theft or damage. What's more, they keep humans and wildlife out, protecting them from unexpected electrical safety issues.

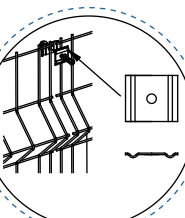
According to Japan's revised FIT law, solar farms, more than 50KW, need to be equipped with fences. This also applies to solar power plants in South Korea and Southeast Asian countries, with custom standards and regulations.

Advantages

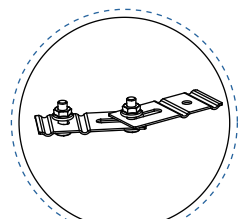
- Quick and easy installation: Due to the modular design, it can be installed with simple tools in a short time, and the steel column can be easily connected to the metal mesh. It is easy to install not only on flat ground but also on slopes.
- Made of high-quality materials, high strength, good weather resistance, easy construction, and high-cost performance.
- The mesh wire diameter, height, and surface treatment method can be customized according to customer needs, and there are various colors from brown, white, green to silver to choose from.



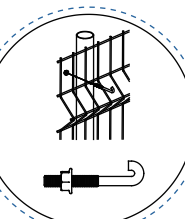
Angled view of mesh 5:1



Mesh fasteners 30*34



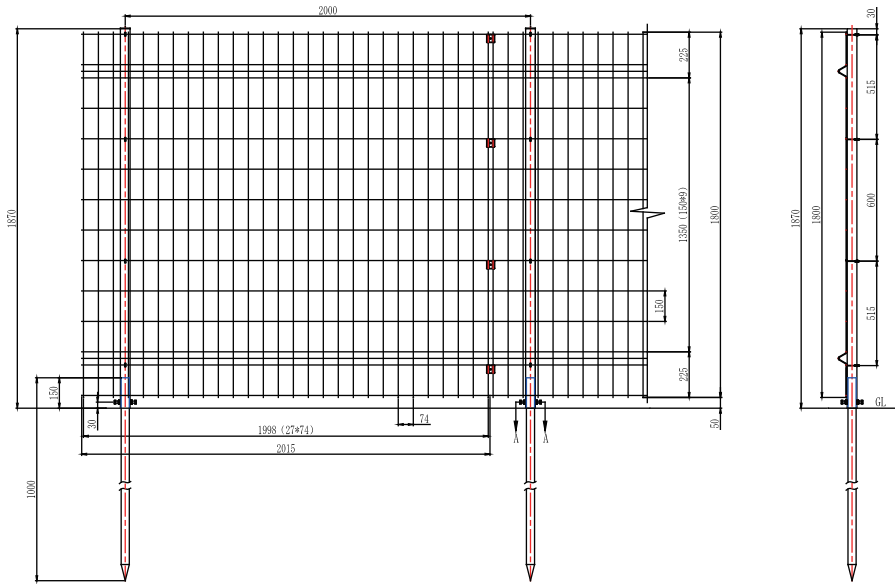
Climbing Fasteners 30*70



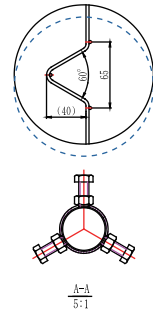
Hook bolt M6*70

Fenc II

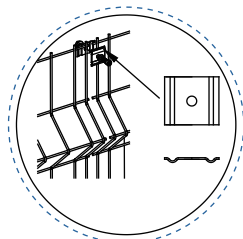
Fence II



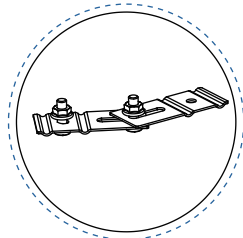
ITEM	DESCRIPTION	MATERIAL	QTY	UNITS
1	Column $\Phi 48 \times 1970$	Q235	1	SET
2	Ground pegs $\Phi 38 \times 1000$	Q235	1	PCS
3	Mesh 2015*1800	Q235	4	PCS
4	Hex Bolts M10*20	SUS304	3	SET
5	Mesh fasteners 30*34	SUS304	4	SET
6	Hook bolt M6*70	SUS304	4	SET
7	Climbing Fasteners 30*70	SUS304	200M/4Sets	SET



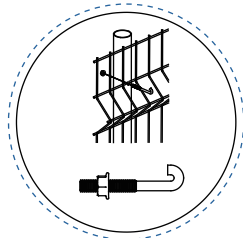
A-A
5:1



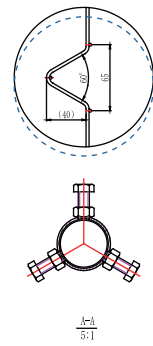
Mesh fasteners 30*34



Climbing Fasteners 30*70

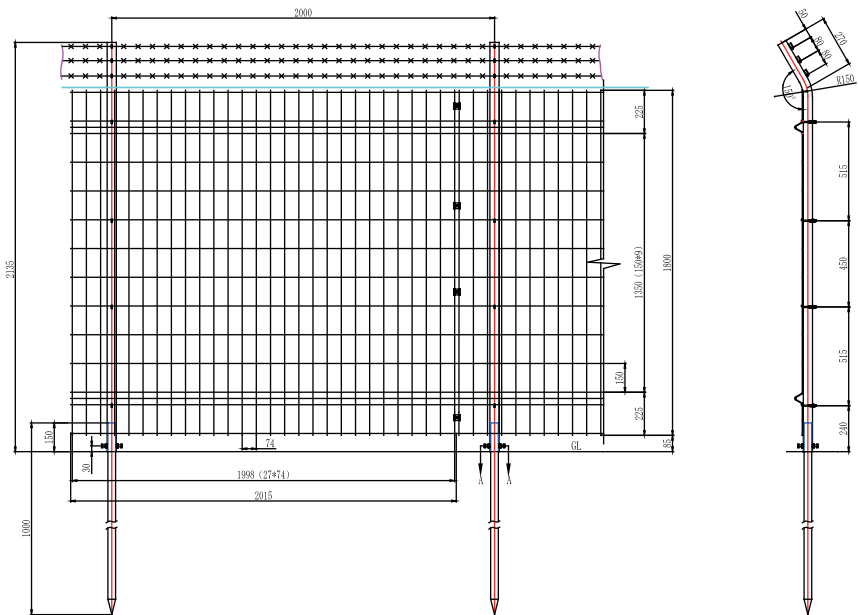


Hook bolt M6*70

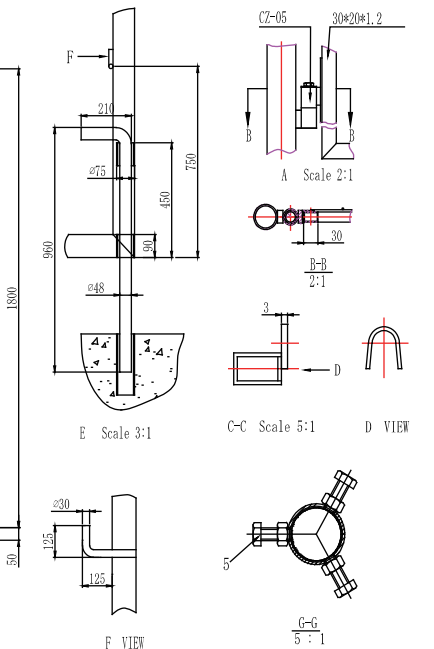
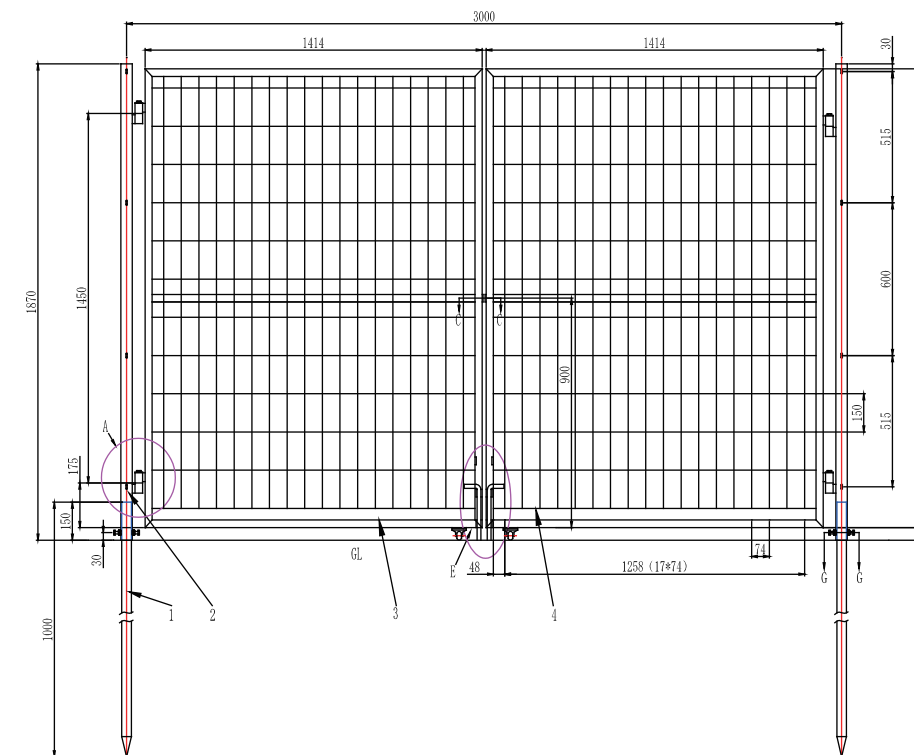
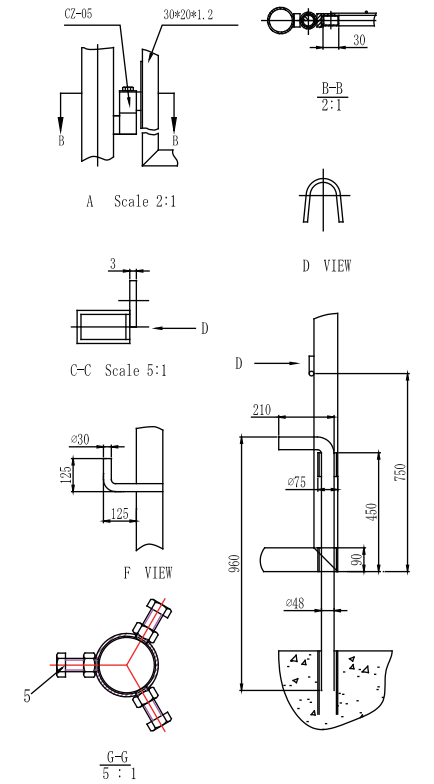
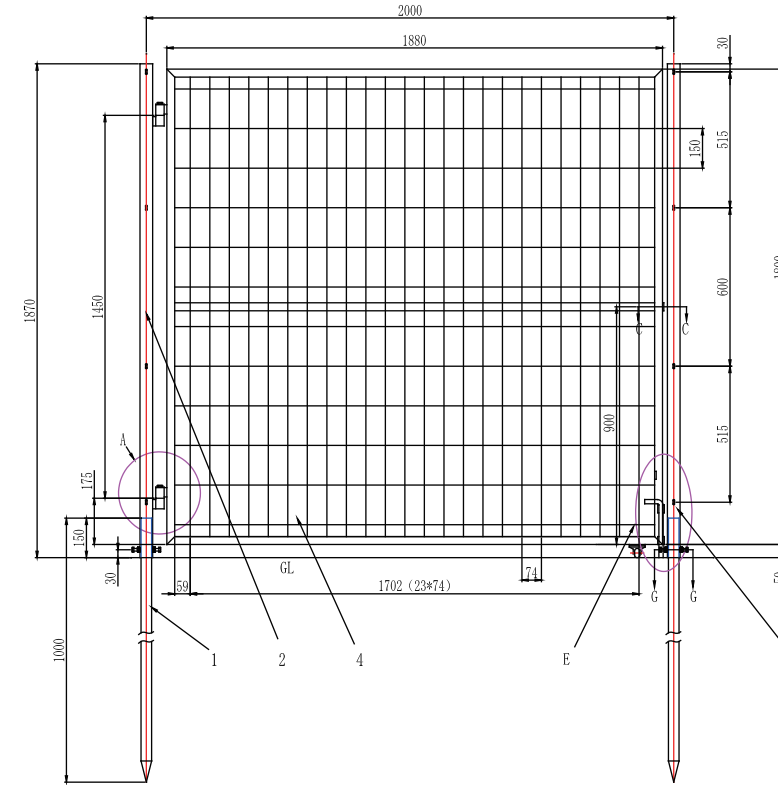


A-A
5:1

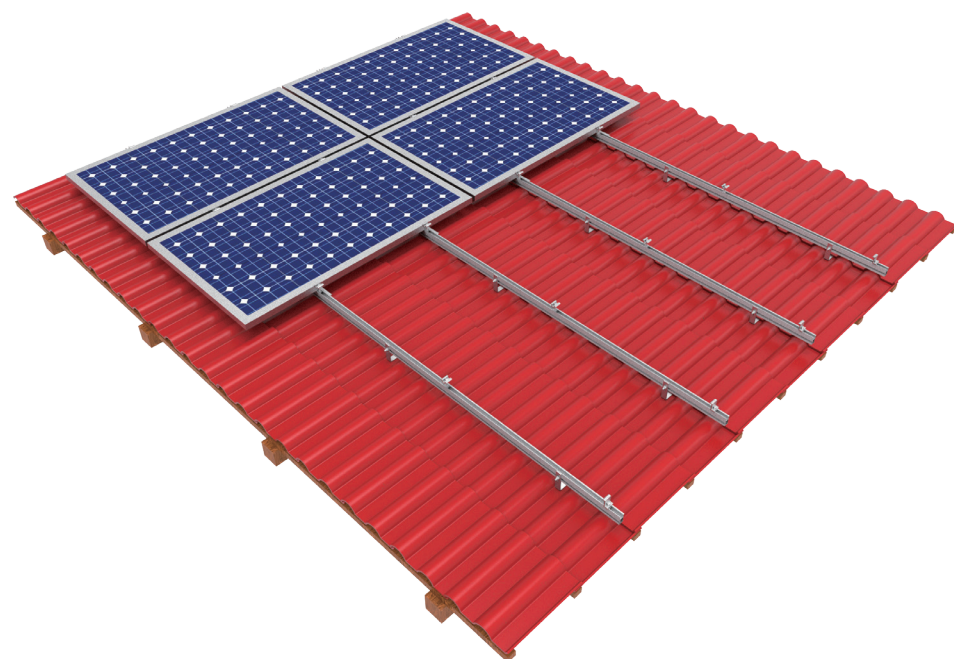
Fence II



Fenc II

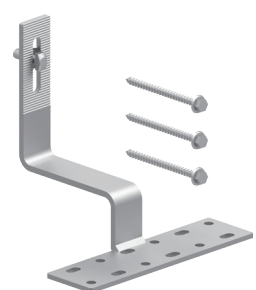


Pitched Roof Mounting Solution

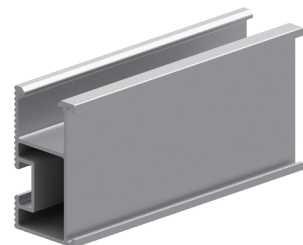


Product Introduction

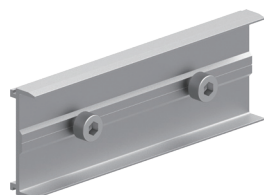
PR Mounting Solution is designed base on different tile roof conditions. Different roff hooks can be used to different roof conditions, which can offer a more convenience, economic, and safe mounting solution for solar pv power plant.



① Tile Hook Kit



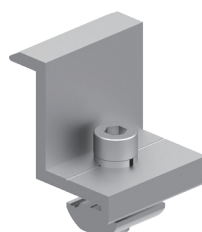
② Rail



③ Rail Splice



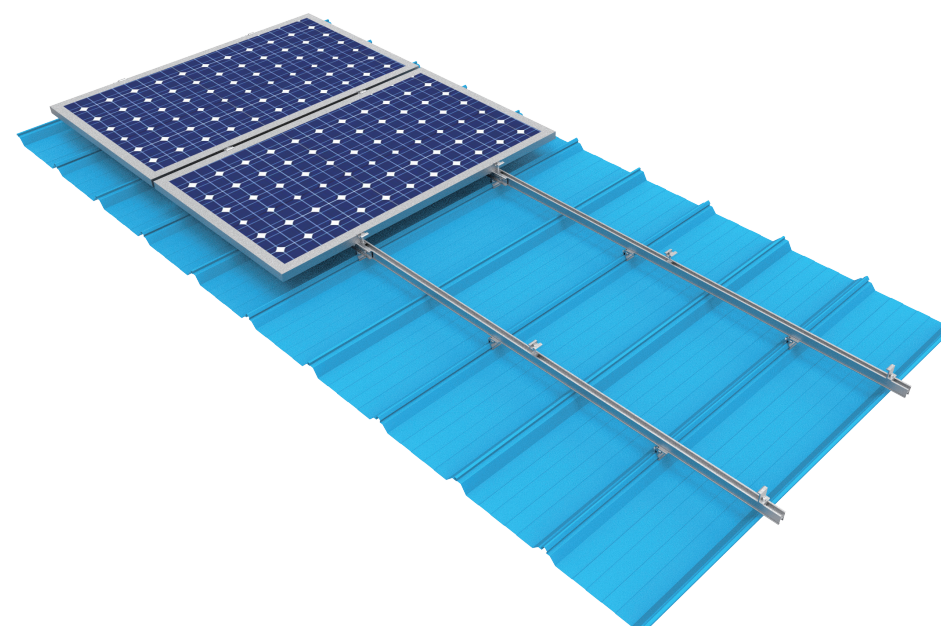
④ Inter Clamp Kit



⑤ End Clamp Kit

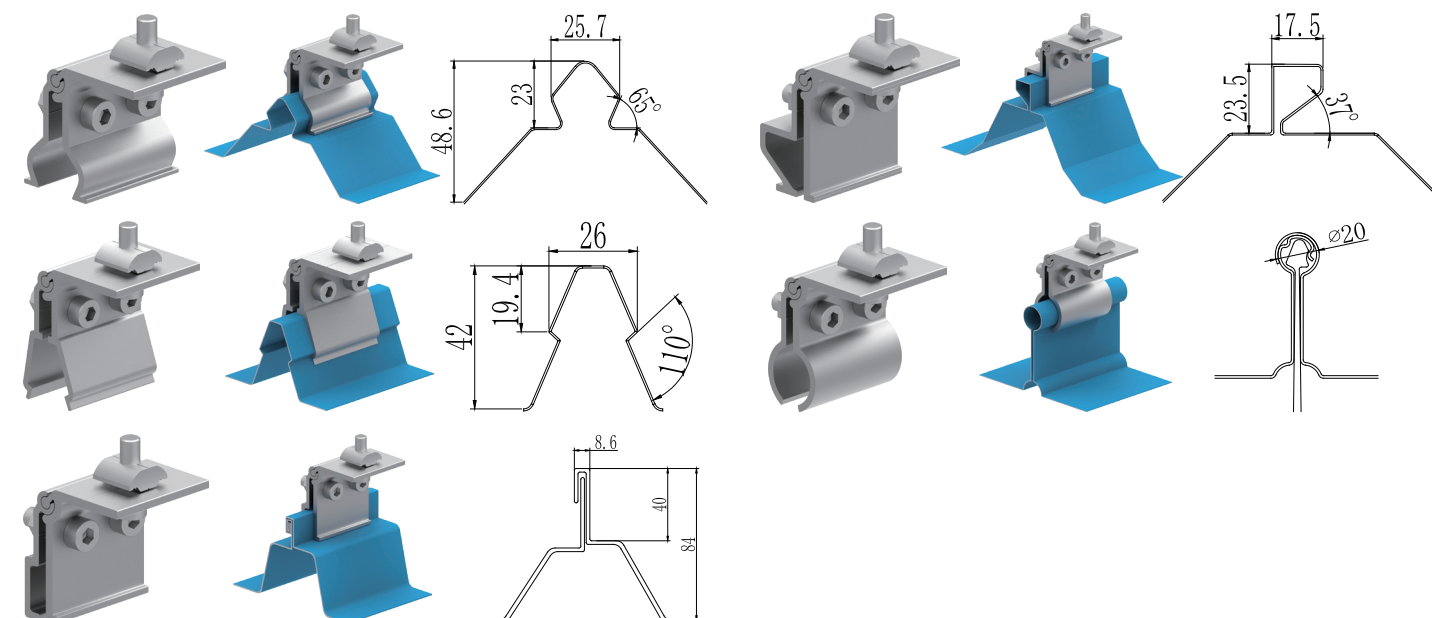
Technical Coefficient		 Snow Load	1.4KN/m ²	 Wind Load	≤ 42m/s	 Standards	JIS 8955 : 2017 ; AS/NZS 1170; DIN1055; ASCE_7-05; IBC2009
Installation Site	 Pitched Roof	Panel Type	 Frame Frameless	Tilt Angle	 0°~45°	Surface Treatment	 Anodizing; Silver or Customized
Panel Orientation	 Landscape/ Portrait	Panel Layout	 Design based on project requirements.	"Building Height"	 ≥ 0.5m	Warranty	 10 Years

Metal Roof Mounting Solution



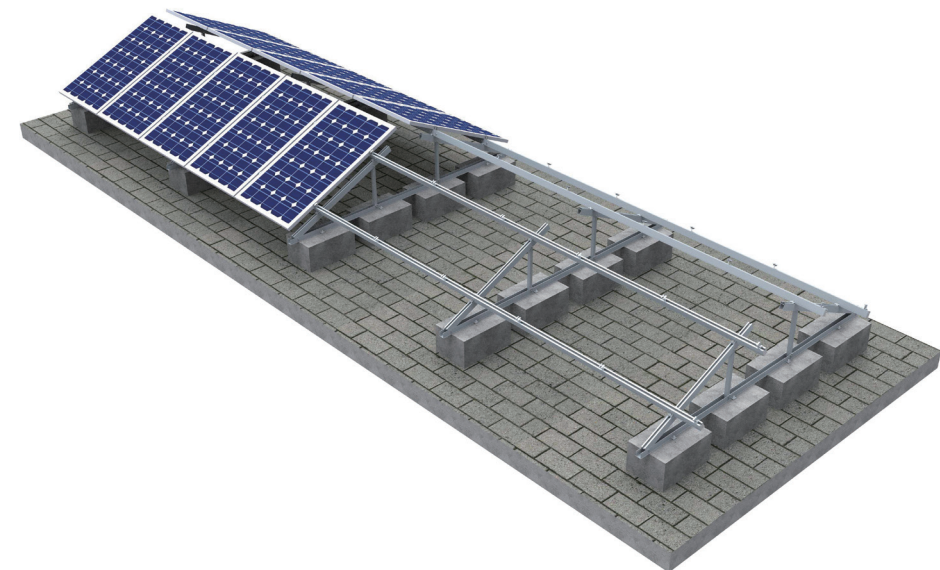
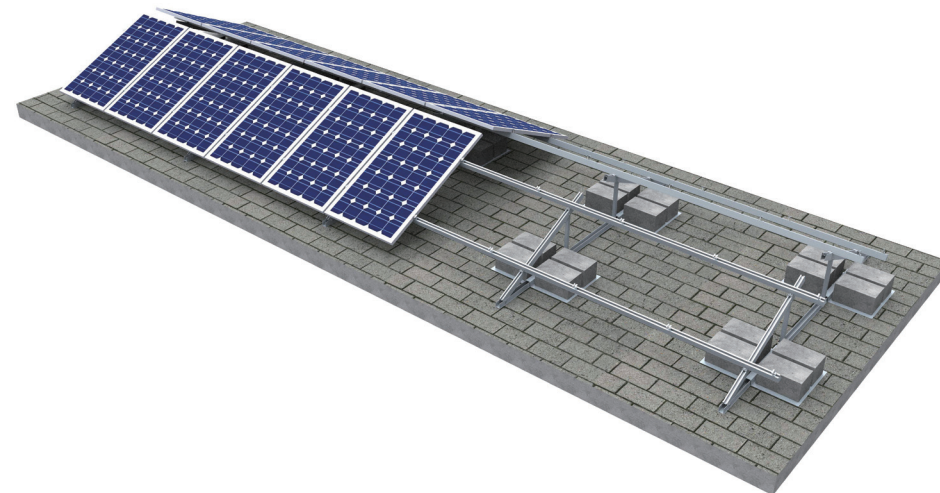
Product Introduction

MR Mounting Solution can be applied to the installation of solar pv power generation plant on metal sheet roof. Different roof types use different clamps without damaging the roof, which can offer a more convenience, economic, and safe mounting solution for solar pv power plant.



Technical Coefficient		 Snow Load	1.4KN/m ²	 Wind Load	≤ 42m/s	 Standards	JIS 8955 : 2017 ; AS/NZS 1170; DIN1055; ASCE_7-05; IBC2009
Installation Site	 Metal Roof	Panel Type	 Frame Frameless	Tilt Angle	 0°~45°	Surface Treatment	 Anodizing; Silver or Customized
Panel Orientation	 Landscape/ Portrait	Panel Layout	 Design based on project requirements.	"Building Height"	 ≥ 0.5m	Warranty	 10 Years

Ballasted Flat Roof Triangle Mounting Solution



Product Introduction

FR Triangle Mounting Solution is applied to the installation of solar pv power plant on the flat roof with concrete foundation, ballasted foundation or expansion bolt. If designed east and west double facing solution, it can reduce the weight of the concrete block. With the simplified structure, it will be easy for installation, delivery, and saving the cost.

Advantages

Fast Installation

Highly pre-assembled light weight support increases installation efficiency greatly, and saves labor cost and installation time.

Versatility

Recycling

Aluminium Alloy can be recycling, which ensures zero emission of industrial waste.

Safety & Reliability

Structures are checked and tested for use in extreme weather and geographical conditions.

Warranty

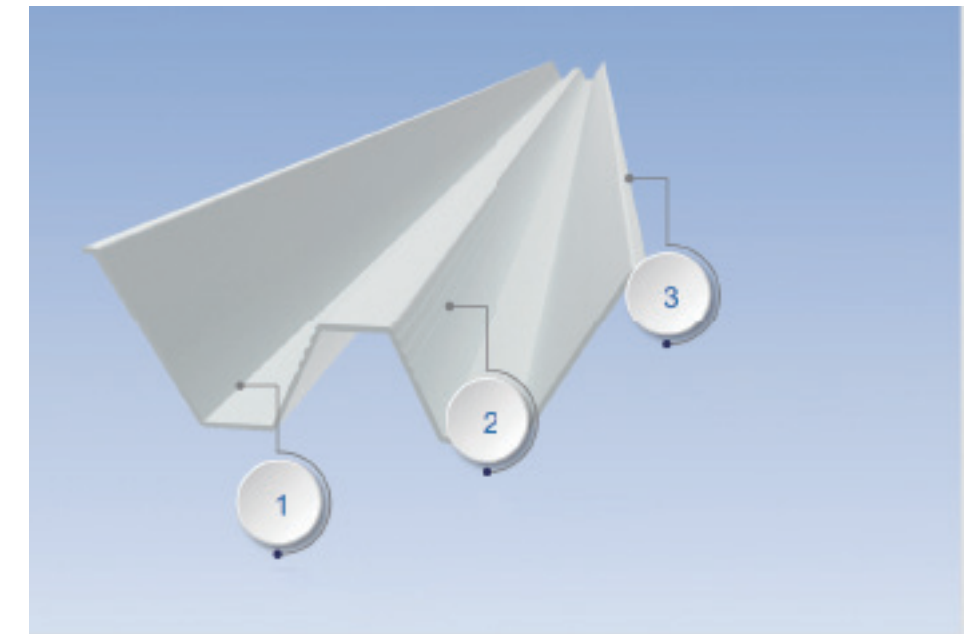
10 Years' Warranty, 20 Years' Life Span.

Technical Coefficient			1.4KN/m ²		≤ 42m/s		JIS 8955 : 2017 ; AS/NZS 1170; DIN1055; ASCE_7-05; IBC2009
	Open Ground		Frame Frameless		0°~45°		Anodizing; Silver or Customized
	Landscape/ Portrait		Design based on project requirements.		≥ 0.5m		10 Years

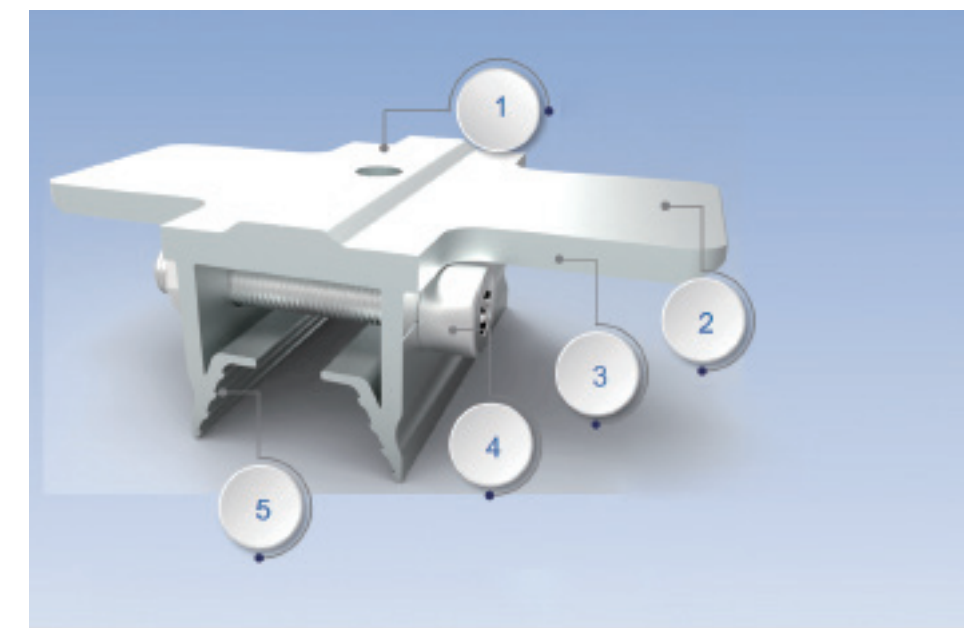
BIPV Roof Mounting Solution

Product Introduction

BIPV is a distributed photovoltaic technology that can replace roofs. Using this technology to replace traditional industrial factory roofs can not only bring power generation benefits, but also save additional costs such as operation and maintenance of factory roofs, reducing the overall cost of the building, thereby generating new value. In the past, most solar products used on industrial and commercial roofs were covered with a layer of solar panels on color steel tiles. However, metal roofs are easy to rust, so owners need to dismantle and replace them in about 7-10 years. The use of BIPV distributed photovoltaic technology can directly replace the roof, which can completely eliminate the owners' concerns about roof waterproofing and structural stability. It is also easy to install and maintain, and the roof life is more than 30 years, which can increase revenue and reduce expenditure.

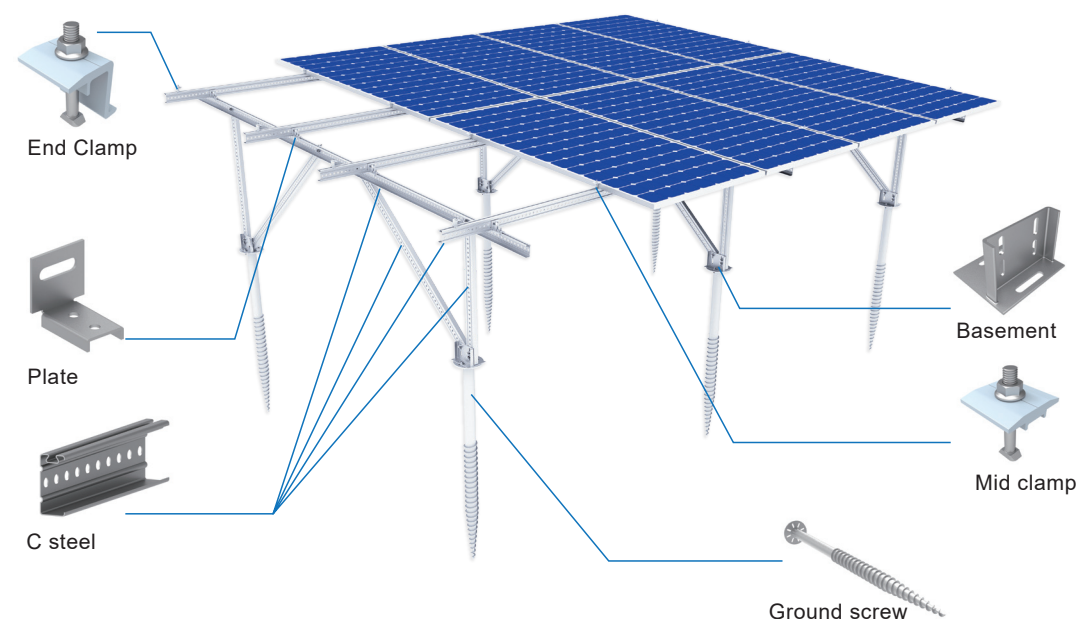


- 1.Secondary grooves are fitted to flat surfaces
- 2.Stackable clamping design
- 3.Large dual side grooves



- 1.Toothed to hold clamps in place
- 2.Support assembly
- 3.Notched for fastening bolts
- 4.Two-bolt fastening for greater reliability
- 5.Snap-fit design allows the structure of the main groove to better fit with it

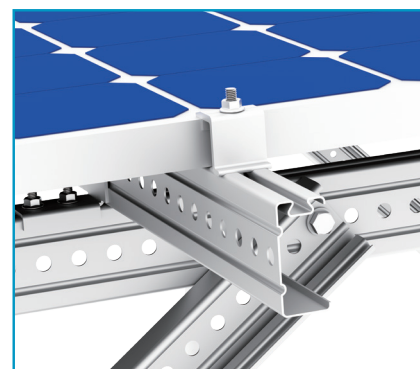
Double Post Solar Ground Mounting System



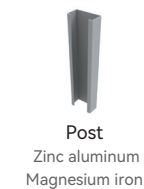
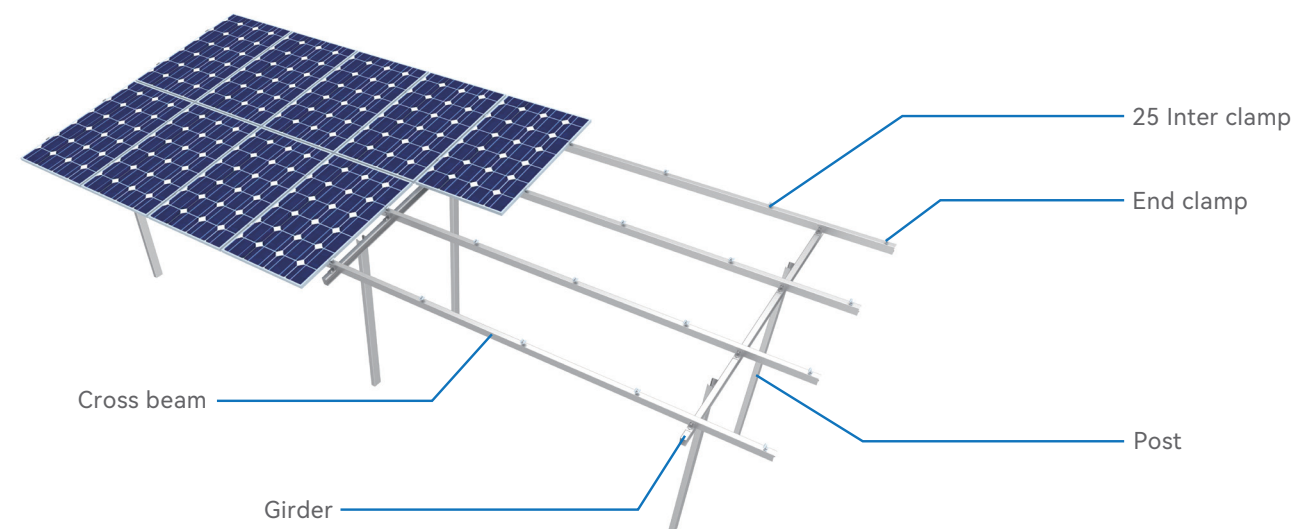
It's suitable for large-scale ground projects. Customers can customize personalized solutions based on specific project information. The main structure of the solar mounting system is entirely made of economical carbon steel materials, with simple manufacturing process and strong mass production and delivery capabilities. Independent structural design solutions minimize project installation time and reduce construction costs.

System Parameters

Installation Site	Ground	Design Standard	AS/NZS 1170、ASCE7-10
Tilt Angle	0-60°		JIS C 8955: 2017 International Building Code: IBC 2009
Wind Load	60 m/s (ASCE7-10)	Material	Q235B、Q355B、ZAM
Snow Load	1.6 KN/m ²	Fastener	SUS304 & Zinc-Nickel Alloy
Applicable Solar Module	Framed or Frameless	Color	Silver or Customized
Panel Layout	Portrait or Landscape	Warranty	10 Years



ZAM Double-Post Mounting System-C-Steel



System Parameters

Installation Site	Ground	Design Standard	AS/NZS 1170、ASCE7-10
Tilt Angle	0-60°		JIS C 8955: 2017 International Building Code: IBC 2009
Wind Load	60 m/s (ASCE7-10)	Material	Zinc Aluminum Magnesium Iron
Snow Load	1.6 KN/m ²	Fastener	SUS304 & Zinc-Nickel Alloy & Hot Dip Galvanizing
Applicable Solar Module	Framed or Frameless	Color	Silver or Customized
Panel Layout	Portrait or Landscape	Warranty	10 Years

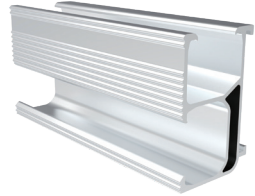
Monolith GC-II ZAM Double-Post Mounting System-C-Steel support for large-scale ground projects, customers can book customized solutions according to detailed project specifications. The main structures of the photovoltaic supports are all made of ZAM materials, which has strong corrosion resistance and self-repairing ability.



Components List

Rail

PS-RB47



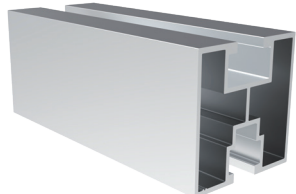
PART NO	MATERIAL	SPECS	COLOR	SURFACE
PS-RB47	AL6005-T5	47*31mm Customize length	Sliver	Anodized

PS-R50



PART NO	MATERIAL	SPECS	COLOR	SURFACE
PS-R50	AL6005-T5	50*28mm Customize length	Sliver	Anodized

PS-R40



PART NO	MATERIAL	SPECS	COLOR	SURFACE
PS-R40	AL6005-T5	40*40mm Customize length	Sliver	Anodized

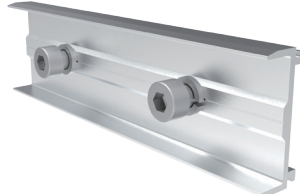
PS-R40



PART NO	MATERIAL	SPECS	COLOR	SURFACE
PS-R40	AL6005-T5	40*40mm Customize length	Sliver	Anodized

Rail Splice

PS-SP-BR-15



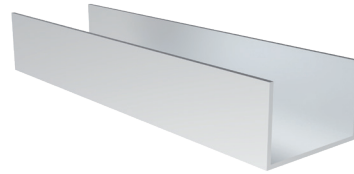
PART NO	MATERIAL	SPECS	COLOR	SURFACE
PS-SP-BR-15	AL6005-T5	L150mm	Sliver	Anodized

PS-SP-KR-12



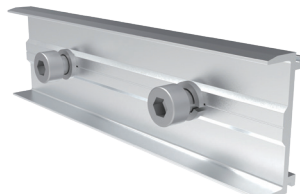
PART NO	MATERIAL	SPECS	COLOR	SURFACE
PS-SP-KR-12 PS-SP-KR-15	AL6005-T5	L120/150mm	Sliver	Anodized

PS-SP-UR-12



PART NO	MATERIAL	SPECS	COLOR	SURFACE
PS-SP-UR-12 PS-SP-UR-15	AL6005-T5	L120/150mm	Sliver	Anodized

PS-SP-BR-15



PART NO	MATERIAL	SPECS	COLOR	SURFACE
PS-SP-BR-15	AL6005-T5	L150mm	Sliver	Anodized

Components List

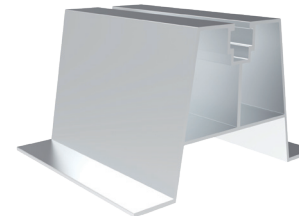
Mini Rail -7

PS-MR1



PART NO	MATERIAL	SPECS	COLOR	SURFACE
PS-MR1	AL6005-T5	50*48mm Customize length	Sliver	Anodized

PS-MR3



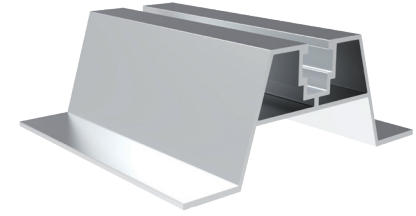
PART NO	MATERIAL	SPECS	COLOR	SURFACE
PS-MR3	AL6005-T5	55*90mm Customize length	Sliver	Anodized

PS-MR2



PART NO	MATERIAL	SPECS	COLOR	SURFACE
PS-MR2	AL6005-T5	67*75mm Customize length	Sliver	Anodized

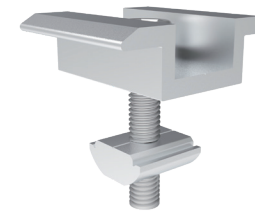
PS-MR4



PART NO	MATERIAL	SPECS	COLOR	SURFACE
PS-MR4	AL6005-T5	40*114mm Customize length	Sliver	Anodized

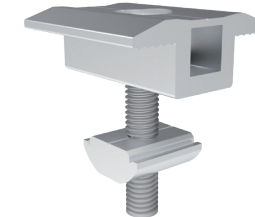
Inter Clamp-8

PS-HIC-40



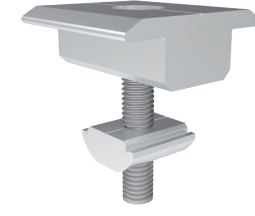
PART NO	MATERIAL	SPECS	COLOR	SURFACE
PS-HIC-40 PS-HIC-50	AL6005-T5	L40/50mm	Sliver	Anodized

PS-BIC-40



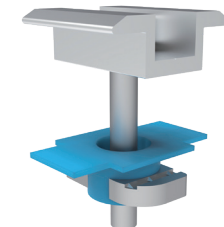
PART NO	MATERIAL	SPECS	COLOR	SURFACE
PS-BIC-40 PS-BIC-50	AL6005-T5	L40/50mm	Sliver	Anodized

PS-SIC-40



PART NO	MATERIAL	SPECS	COLOR	SURFACE
PS-SIC-40 PS-SIC-50	AL6005-T5	L40/50mm	Sliver	Anodized

PS-LIC-40



PART NO	MATERIAL	SPECS	COLOR	SURFACE
PS-LIC-40 PS-LIC-50	AL6005-T5	L40/50mm	Sliver	Anodized

Components List

End Clamp-9

PS-PEC-40



PART NO	MATERIAL	SPECS	COLOR	SURFACE
PS-PEC-40 PS-PEC-50	AL6005-T5	L40/50mm	Sliver	Anodized

PS-KTEC-40



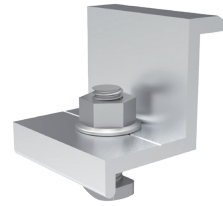
PART NO	MATERIAL	SPECS	COLOR	SURFACE
PS-KTEC-40 PS-KTEC-50	AL6005-T5	L40/50mm	Sliver	Anodized

PS-KIC-50



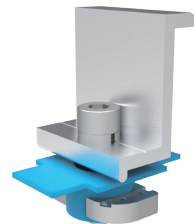
PART NO	MATERIAL	SPECS	COLOR	SURFACE
PS-KIC-50	AL6005-T5	L50mm	Sliver	Anodized

PS-TEC-40



PART NO	MATERIAL	SPECS	COLOR	SURFACE
PS-TEC-40 PS-TEC-50	AL6005-T5	L40/50mm	Sliver	Anodized

PS-LEC-40



PART NO	MATERIAL	SPECS	COLOR	SURFACE
PS-LEC-40 PS-LEC-50	AL6005-T5	L40/50mm	Sliver	Anodized

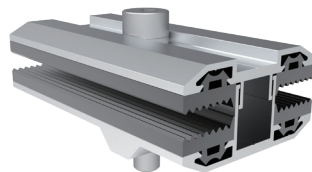
PS-KEC-50



PART NO	MATERIAL	SPECS	COLOR	SURFACE
PS-KEC-50	AL6005-T5	L50mm	Sliver	Anodized

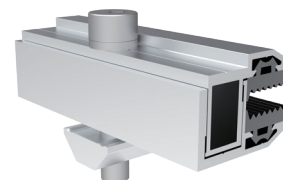
Panel Clamp

PS-MIC-80



PART NO	MATERIAL	SPECS	COLOR	SURFACE
PS-MIC-80 PS-MIC-120 PS-MIC-150 PS-MIC-200	AL6005-T5	L80mm L120mm L150mm L200mm Customize length	Sliver/Black	Anodized

PS-MEC-80



PART NO	MATERIAL	SPECS	COLOR	SURFACE
PS-MEC-80 PS-MEC-120 PS-MEC-150 PS-MEC-200	AL6005-T5	L80mm L120mm L150mm L200mm Customize length	Sliver	Anodized

Components List

Roof Hook

PS-VTH-PR01



PART NO	MATERIAL	SPECS	COLOR	SURFACE
PS-VTH-PR01	SUS304	L180mm	Sandblasted	Ceramic roof

PS-HTH-PR01



PART NO	MATERIAL	SPECS	COLOR	SURFACE
PS-HTH-PR01	SUS304	L000mm	Sandblasted	Ceramic roof

PS-VTH-PR03



PART NO	MATERIAL	SPECS	COLOR	SURFACE
PS-VTH-PR03	SUS304	L200mm	Sandblasted	Ceramic roof

PS-VTH-PR03



PART NO	MATERIAL	SPECS	COLOR	SURFACE
PS-VTH-PR03	SUS304	L180mm	Sandblasted	Ceramic roof

PS-VTH-PR02



PART NO	MATERIAL	SPECS	COLOR	SURFACE
PS-VTH-PR02	SUS304	L150mm	Sandblasted	Ceramic roof

PS-HTH-PR02



PART NO	MATERIAL	SPECS	COLOR	SURFACE
PS-HTH-PR02	SUS304	L286mm	Sandblasted	Ceramic roof

PS-VTH-PR04



PART NO	MATERIAL	SPECS	COLOR	SURFACE
PS-VTH-PR04	SUS304	L000mm	Sandblasted	Ceramic roof

PS-VTH-PR04



PART NO	MATERIAL	SPECS	COLOR	SURFACE
PS-VTH-PR04	SUS304	L180mm	Sandblasted	Ceramic roof

Components List

Roof Hook

PS-VTH-PR01



PART NO	MATERIAL	SPECS	COLOR	SURFACE
PS-VTH-PR01	SUS304	L166mm	Sandblasted	Ceramic roof

PS-HTH-PR01



PART NO	MATERIAL	SPECS	COLOR	SURFACE
PS-HTH-PR01	SUS304	L150mm	Sandblasted	Ceramic roof

PS-VTH-PR03



PART NO	MATERIAL	SPECS	COLOR	SURFACE
PS-VTH-PR03	SUS304	L286mm	Sandblasted	Ceramic roof

L Feet -32

PS-LF-01



PART NO	MATERIAL	SPECS	COLOR	SURFACE
PS-LF-01	AL6005-T5	L40mm	Sliver	Anodized

PS-VTH-PR02



PART NO	MATERIAL	SPECS	COLOR	SURFACE
PS-VTH-PR02	SUS304	L180mm	Sandblasted	Ceramic roof

PS-HTH-PR02



PART NO	MATERIAL	SPECS	COLOR	SURFACE
PS-HTH-PR02	SUS304	L316mm	Sandblasted	Ceramic roof

PS-VTH-PR04



PART NO	MATERIAL	SPECS	COLOR	SURFACE
PS-VTH-PR04	SUS304	L180mm	Sandblasted	Ceramic roof

Mounting Adaptor-33

PS-AD01



PART NO	MATERIAL	SPECS	COLOR	SURFACE
PS-AD01	SUS304	L80mm	—	Sandblasted

Components List

Roof Clamp

PS-SH-R01



PART NO	MATERIAL	SPECS	COLOR	SURFACE
PS-SH-R01	SUS304	55*90mm Customize length	Sandblasted	Metal roof

PS-KL-R02-40



PART NO	MATERIAL	SPECS	COLOR	SURFACE
PS-KL-R02-40	AL6005-T5	L40mm	Natural	Anodized

PS-KL-R01-40



PART NO	MATERIAL	SPECS	COLOR	SURFACE
PS-KL-R01-40	AL6005-T5	L40mm	Natural	

PS-KL-R03-40



PART NO	MATERIAL	SPECS	COLOR	SURFACE
PS-KL-R03-40	AL6005-T5	L40mm	Natural	

Hanger Bolt

PS-HB01-M10



PART NO	MATERIAL	SPECS	COLOR	SURFACE
PS-HB01-M10	SUS304	M10*150 /200/250mm	Clean	Wooden purlin

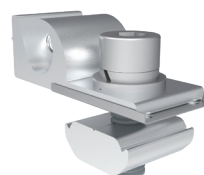
PS-HB02-M10



PART NO	MATERIAL	SPECS	COLOR	SURFACE
PS-HB02-M10	SUS304	M10*150 /200/250mm	Clean	

Grounding Components

PS-THA-HS



PART NO	MATERIAL	SPECS	COLOR	SURFACE
PS-THA-HS	AL6005-T5 &SUS304	3-4 cable	Sliver	Anodized

PS-MC4-01

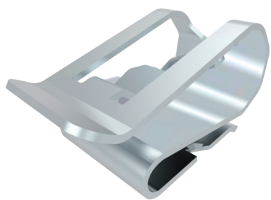


PART NO	MATERIAL	SPECS	COLOR	SURFACE
PS-MC4-01	Plastic	1-2 cable	Sliver	Anodized

Components List

Grounding Components

PS-CAB2-01



PART NO	MATERIAL	SPECS	COLOR	SURFACE
PS-CAB2-01	SUS304	1-2 cable	Sliver	Anodized

PS-CAB4-01



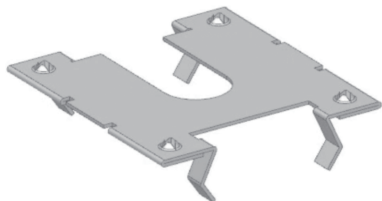
PART NO	MATERIAL	SPECS	COLOR	SURFACE
PS-CAB4-01	SUS304	3-4 cable	Sliver	Anodized

PS-CAB4-02



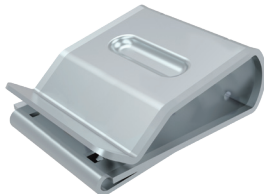
PART NO	MATERIAL	SPECS	COLOR	SURFACE
PS-CAB4-02	SUS304	3-4 cable	Sliver	Anodized

PS-GC-01



PART NO	MATERIAL	SPECS	COLOR	SURFACE
PS-GC-01	SUS304	1-2 cable	Sliver	Anodized

PS-CAB2-02



PART NO	MATERIAL	SPECS	COLOR	SURFACE
PS-CAB2-02	1-2 cable	40*114mm Customize length	Sliver	Anodized

PS-CAB2-03



PART NO	MATERIAL	SPECS	COLOR	SURFACE
PS-CAB2-03	SUS304	1-2 cable	Sliver	Anodized

PS-CAB4-03



PART NO	MATERIAL	SPECS	COLOR	SURFACE
PS-CAB4-03	SUS304	3-4 cable	Sliver	Anodized

PS-GC-02



PART NO	MATERIAL	SPECS	COLOR	SURFACE
PS-GC-02	SUS304	1-2 cable	Sliver	Anodized

Components List

Project Case

