

Product Introduction

- 产品介绍 Product Introduction
- 营销网络 Marketing Channel
- 工程案例 Project Case

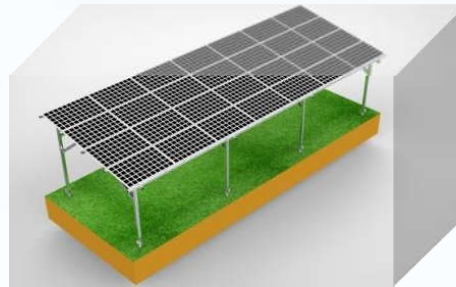
Product Introduction



➤ Farmland Mount

➤ AL Farmland

➤ AL+Steel

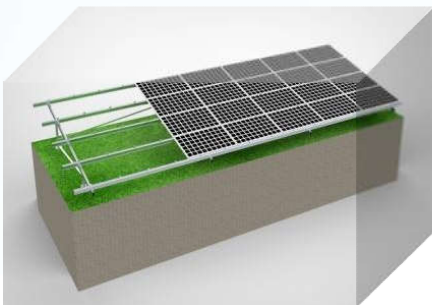


➤ Ground Mount

➤ AL Ground

➤ C Steel

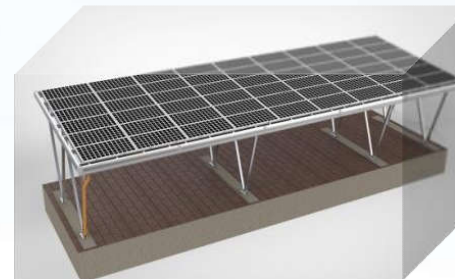
➤ Pole Mount



➤ Carport

➤ AL Carport

➤ ST Carport

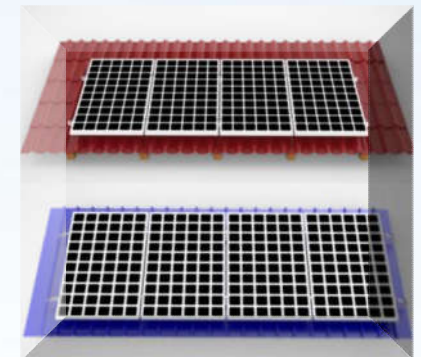


➤ Roof Top

➤ Tile Roof

➤ Metal Roof

➤ Concrete



Ground Mount

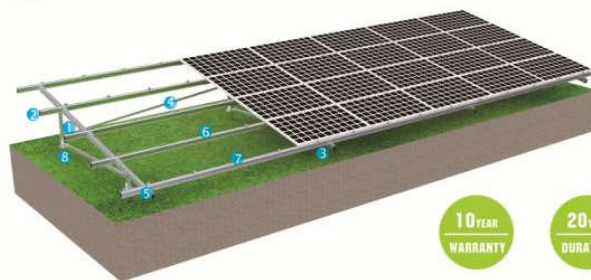


AL Ground Mount

ALUMINUM GROUND MOUNTING SYSTEM



Web: www.emperysolar.com



1 Pre-assembled Bracket
EPR-GA01-B01

2 Rail 06
EPR-R06

10 YEAR
WARRANTY

20 YEAR
DURATION



3 R06 Rail Connector
EPR-RC06



4 Enforce Kit
EPR-EK01



5 Fasten Clamp
EPR-FC-02



6 Mid clamp
EPR-IC-01



7 End clamp
EPR-EC-01



8 Ground screw
EPR-GS01

Pre-assembled Bracket



2 rows, 3 rows, 4 rows



4 rows, 5 rows



More than 5 rows



TECHNICAL INFORMATION

Tilt Angle:	0°~60°
Max Wind Speed	60m/s
Snow Load	1.4KN/m ²
Material	AL6005-T5
Ground Clearance	Customized
Foundation	Ground screw/Concrete
Arrayment	Customized
Standard	Japan JIS C #955:2011

Rail Connector Installation



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INSTALLATION STEPS



1 Piling



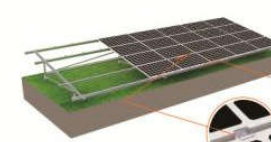
2 Install
Pre-assembly
Bracket



3 Install Back
strengthening bar

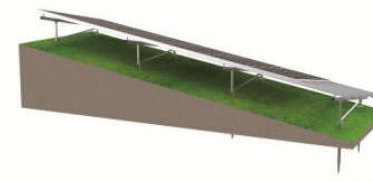
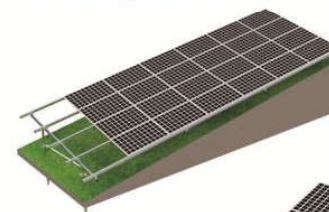


4 Install Rail



5 Install
Mid & End Clamps

Tilted stand ground mount



C-Steel Mount

C-TYPE STEEL GROUND MOUNTING SYSTEM

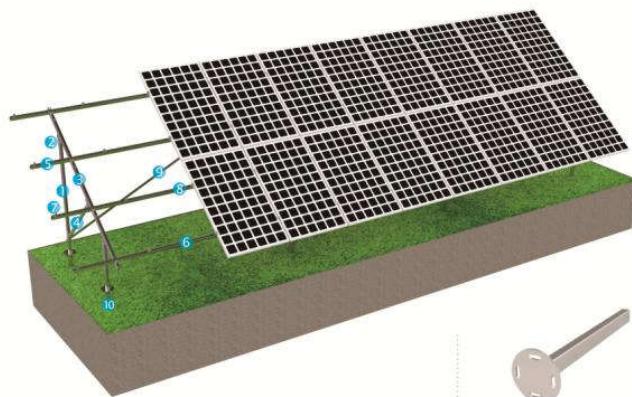


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C-TYPE STEEL GROUND MOUNTING SYSTEM



10 YEAR
WARRANTY

20 YEAR
DURATION

BENEFITS

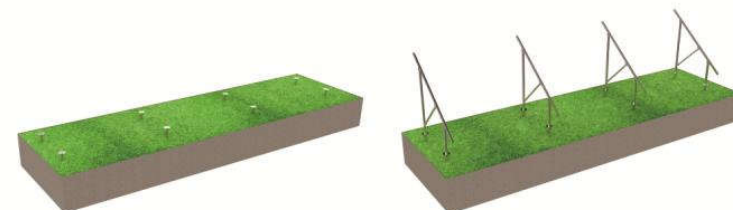
Easy Installation:
Parts are highly pre-assembled in factory

Safety and Reliability:
Check and Test the structure strictly

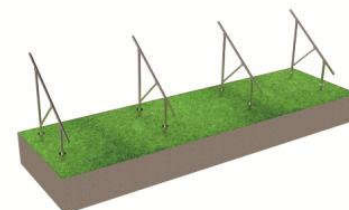
Flexibility and Adjustable:
Smart design reduce the installation difficulty

TECHNICAL INFORMATION

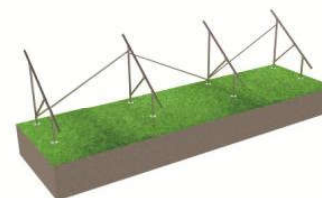
Tilt Angle	0°~60°
Max Wind Speed	60m/s
Snow Load	1.4KN/m²
Material	Hot-dip galvanized steel
Ground Clearance	Customized
Foundation	Ground screw/Concrete
Arrayment	Customized
Standard	Japan JIS C 8955:2011



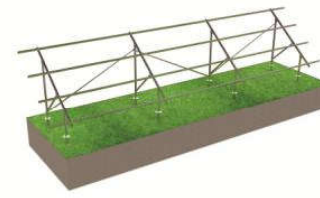
1 Piling



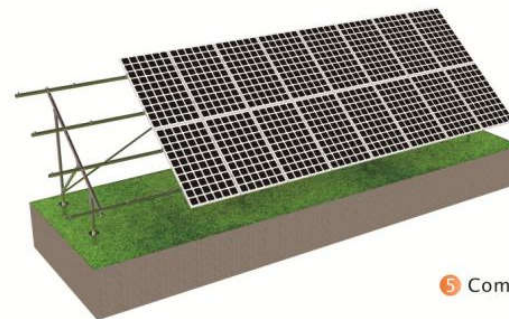
2 Leg Pipe, square Pipe and Beam Rail Installation



3 Back strengthening bar Installation



4 Rail Installation



5 Components Installation

Pole Mount

POLE MOUNTING SYSTEM

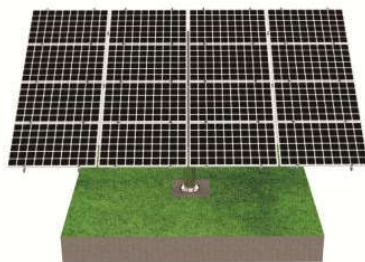


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GROUND MOUNTING STRUCTURE PROJECTS



BENEFITS

Easy Installation:
Parts are highly pre-assembled in factory

Safety and Reliability:
Check and Test the structure strictly

Flexibility and Adjustable:
Smart design reduce the installation difficulty

TECHNICAL INFORMATION

Tilt Angle	0°--60°
Max Wind Speed	60m/s
Snow Load	1.4KN/m ²
Material	AL6005-T5 & SUS304 & Q235B
Ground Clearance	Customized
Foundation	Concrete
Arrayment	Customized
Standard	Japan JIS C 8955-2011



10 YEAR
WARRANTY

20 YEAR
DURATION



Total Layout: 2Mw

Installation site: Malaysia

Material: Hot galvanized Steel



Total Layout: 18Mw

Installation Location: England

Material: Hot galvanized Steel



Total Layout: 2Mw

Installation Location: Denmark

Material: Aluminum 6005-T5



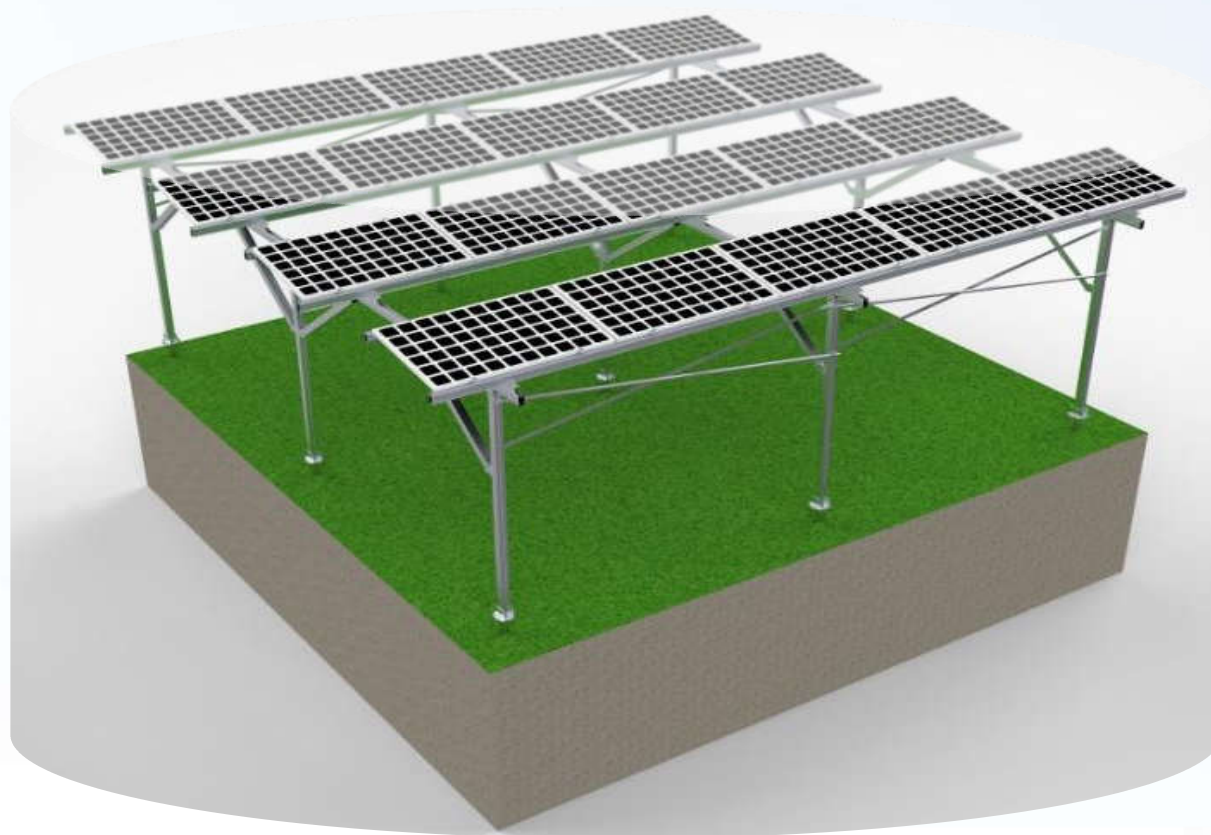
Total Layout: 1.2Mw

Installation Location: Japan

Material: Aluminum 6005-T5



Farmland Mount



AL+ST Farmland

SOLAR FARMLAND MOUNTING SYSTEM

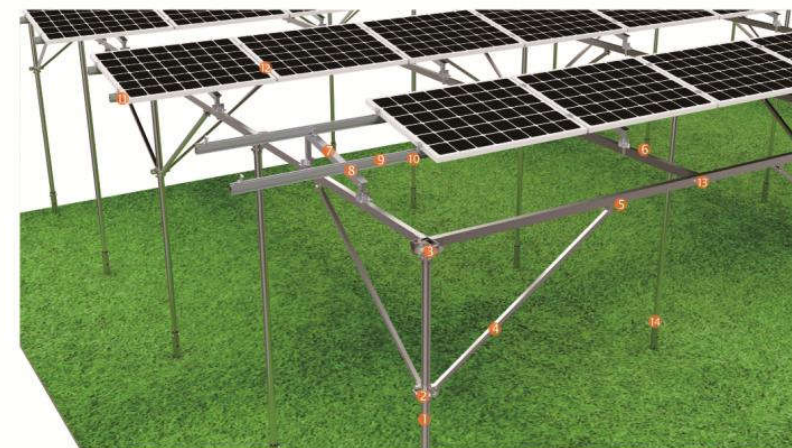


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SOLAR FARMLAND MOUNTING SYSTEM



TECHNICAL INFORMATION

Foundation	Ground screw/Concrete
MAX Wind Speed	60m/s
Snow Load	1.4KN/m ²
Tilt Angle	0° -60°
Material	AL6005-T5 & SUS304 & Q235B
Standard	Japan JIS C 8955:2011

10 YEAR
WARRANTY

20 YEAR
DURATION

BENEFITS

Easy Installation:

Parts have been high pre-assembly

Excellent Adaptability:

It's made to the highest standard, safe and strong

Maximum Lifespan:

The high corrosion resistance guarantees the maximum possible lifespan and it is also completely recyclable.



AL Farmland Mount

SOLAR FARMLAND MOUNTING STRUCTURE PROJECTS



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PHOTOVOLTAIC PLANT FENCE

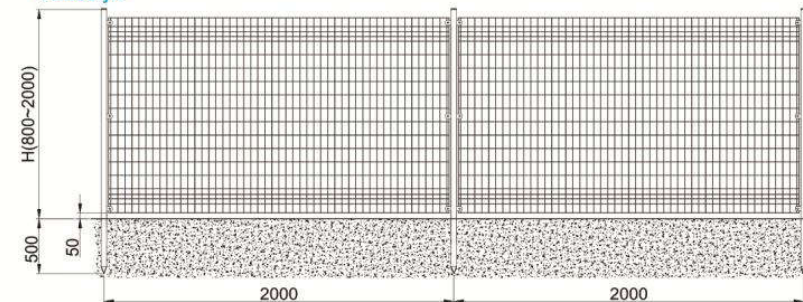
Solar farmland mounting system
Total layout: 1MW
Installation location: Japan
Material: Hot-dip galvanizing steel



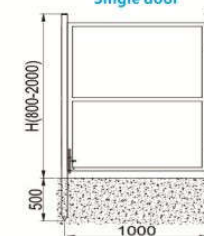
Solar farmland mounting system
Total layout: 3MW
Installation location: Japan
Material: Aluminum 6005-T5



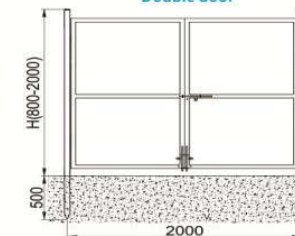
Fence Style



Single door



Double door



Fence projects together with Solar Mounting system



Carport



AL Carport

SOLAR CARPORT MOUNTING SYSTEM

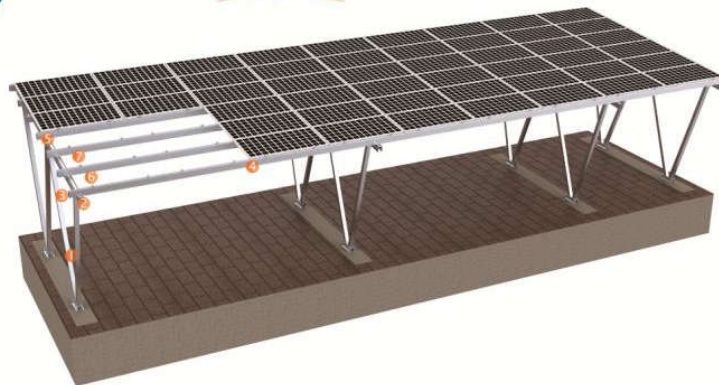


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SOLAR CARPORT MOUNTING SYSTEM



COMPONENTS:



TECHNICAL INFORMATION

Tilt Angle	0°~20°
Max Wind Speed	60m/s
Snow Load	1.4KN/m ²
Material	AL6005-T5 & SUS304
Ground Clearance	2500MM, accept Customized
Foundation	Concrete
Arrayment	Customized
Waterproof	No
Standard	Japan JIS C 8955:2011

10 YEAR
WARRANTY

20 YEAR
DURATION



TECHNICAL INFORMATION

Tilt Angle	0°~20°
Max Wind Speed	60m/s
Snow Load	1.4KN/m ²
Material	AL6005-T5 & SUS304
Ground Clearance	2500MM, accept Customized
Foundation	Concrete
Arrayment	Customized
Waterproof	Yes
Standard	Japan JIS C 8955:2011

BENEFITS

Easy Installation:
Parts are highly pre-assembled in factory
Safety and Reliability:
Check and Test the structure strictly
Flexibility and Adjustable:
Smart design reduce the installation difficulty

10 YEAR
WARRANTY

20 YEAR
DURATION

Steel Carport

Y TYPE CARPORT MOUNTING SYSTEM

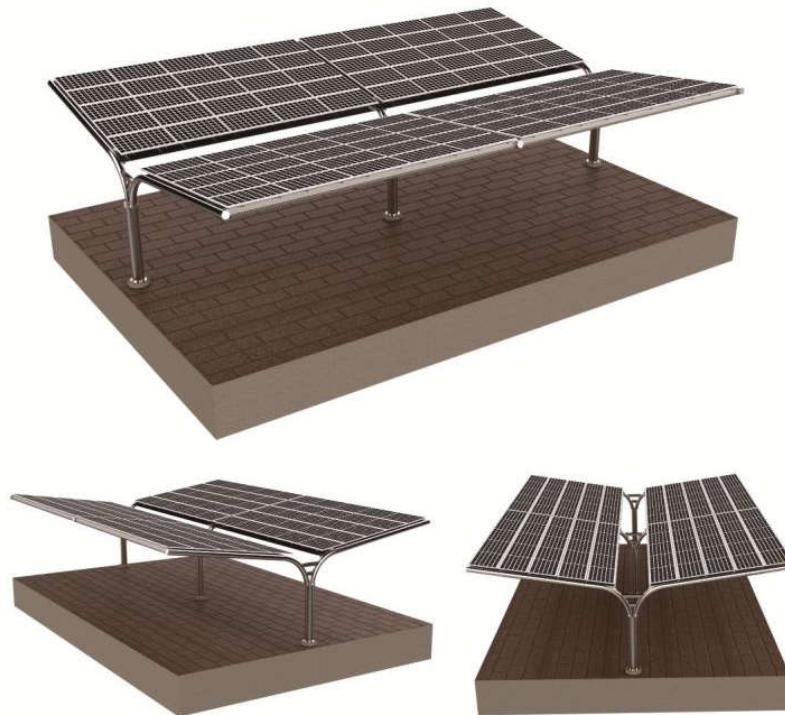


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CARPORT MOUNTING STRUCTURE PROJECTS



TECHNICAL INFORMATION	
Tilt Angle	0°~20°
Max Wind Speed	60m/s
Snow Load	1.4KN/m²
Material	Hot-dip galvanized steel &
Ground Clearance	AL6005-T5 & SUS304
Foundation	2500MM, accept Customized
Arrayment	Concrete Customized
Waterproof	Yes/No
Standard	Japan JIS C 8955:2011

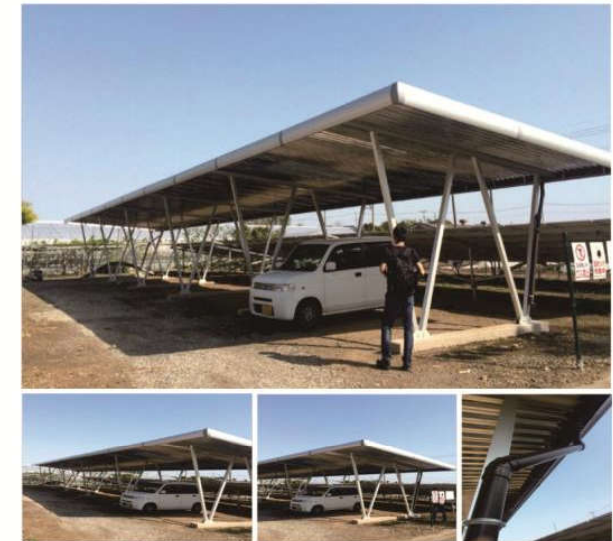
BENEFITS

Easy Installation:
Parts are highly pre-assembled in factory
Safety and Reliability:
Check and Test the structure strictly
Flexibility and Adjustable:
Smart design reduce the installation difficulty

10 YEAR
WARRANTY

20 YEAR
DURATION

Waterproof carport
Total layout: 10 Cars
Installation location: Japan
Material: Aluminum 6005-T5



Non-waterproof carport
Total layout: 6 cars
Installation location: Japan
Material: Aluminum 6005-T5



Roof Top



Metal Roof

METAL SHEET ROOF MOUNTING SYSTEM

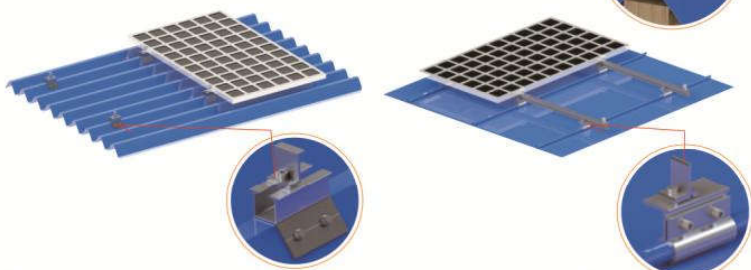
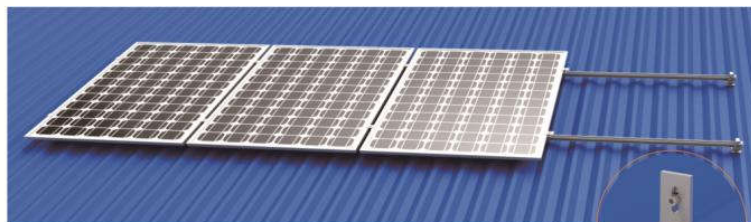


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METAL SHEET ROOF MOUNTING SYSTEM



TECHNICAL INFORMATION

Install site	Pitched Tin Roof Top
Roof Slope	Up to 60 deg
Building Height	Up to 20 m
Max Wind Speed	60m/s
Snow Load	1.4KN/m ²
Material	Al6005-T5 & Stainless steel 304
Color	Natural or Customized
Standard	Japan JIS C 8955:2011

10 YEAR
WARRANTY

20 YEAR
DURATION

Components:

Material: AL6005-T5, SUS 304 & A2-70 Bolt



1 Rail 1



2 Rail connector



3 Mid Clamp



4 End Clamp



EPR-MRH-01



Material: Aluminum



EPR-MRH-02



Material: Aluminum



EPR-MRH-03



Material: Aluminum



EPR-MRH-04



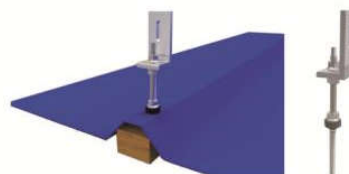
Material: Aluminum



EPR-MRH-05



Material: Aluminum



EPR-HBH-06
Material: SUS304
M10*200mm/M12*300



EPR-MRH-07
Material: SUS304
No need destroy purlins



EPR L-Feet
Material: AL6005T5
40mm/50mm

Metal Roof

ADJUSTABLE METAL SHEET ROOF MOUNTING SYSTEM

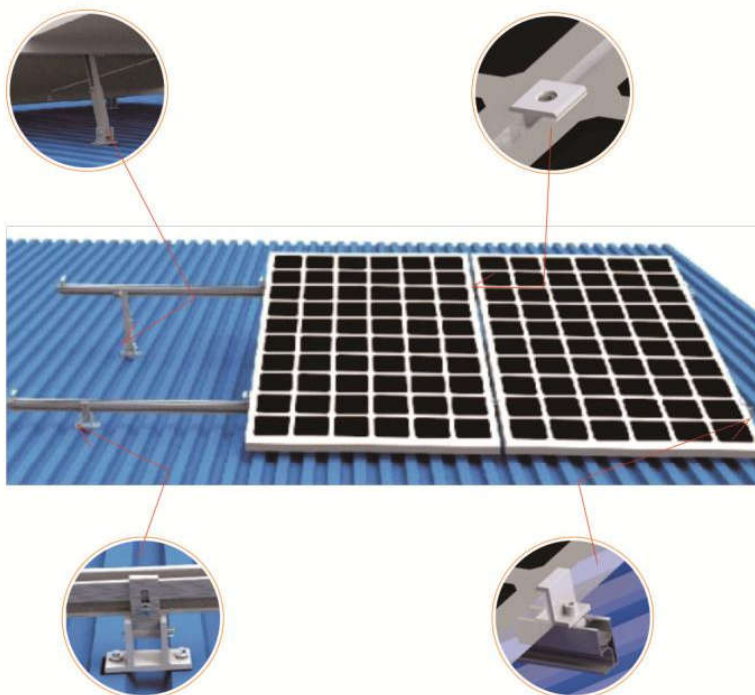


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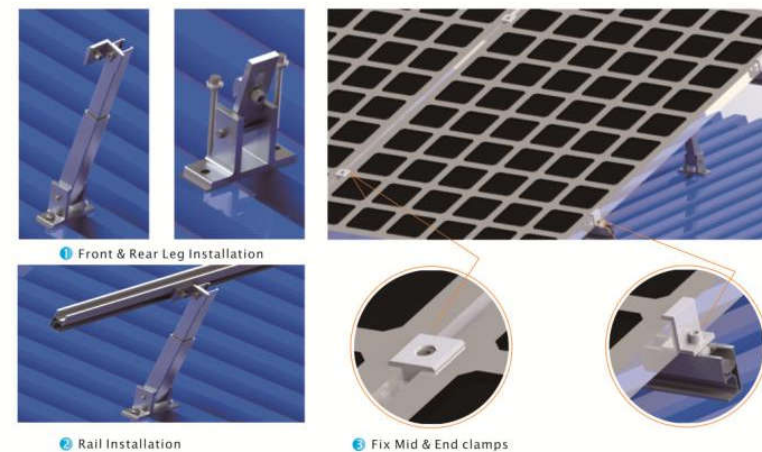
ADJUSTABLE METAL SHEET ROOF MOUNTING SYSTEM



Components:
Material:
AL6005-T5 & Stainless steel SUS304
Surface:
Clean Anodized



INSTALLATION STEPS:



TECHNICAL INFORMATION

Install site	Low profile roof/Flat roof
MAX Wind Speed	<60m/s
Snow Load	<1.4KN/m ²
Tilt Angle	10° -60°
Building Height	20 M
Material	AL6005-T5 & SUS304
Standard	Japan JIS C 8955:2011

10 YEAR
WARRANTY

20 YEAR
DURATION

Tile Roof

TILE ROOF MOUNTING SYSTEM

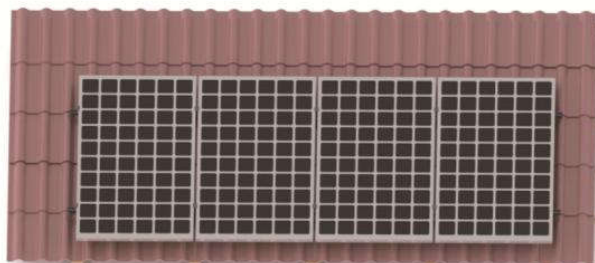


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TILE ROOF MOUNTING SYSTEM



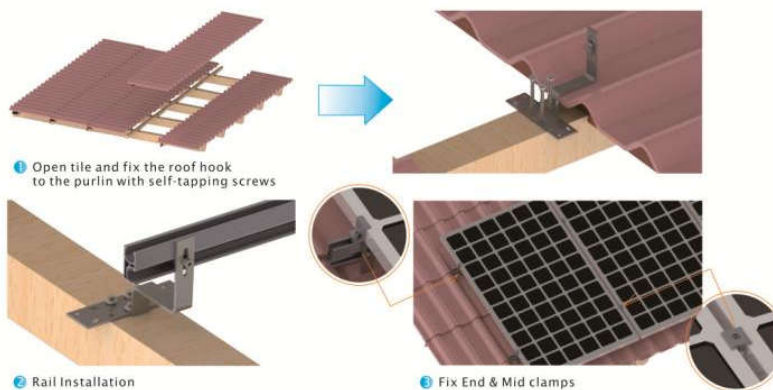
TECHNICAL INFORMATION

Install site	Tile Roof Top
Roof Slope	Up to 60 deg
Building Height	Up to 20 m
Max Wind Speed	60m/s
Snow Load	1.4KN/m ²
Material	AL6005-T5 & Stainless steel 304
Color	Natural or Customized
Standard	Japan JIS C 8955:2011

10 YEAR
WARRANTY

20 YEAR
DURATION

INSTALLATION STEPS:



2 Rail Installation

3 Fix End & Mid clamps

Components:
Material:
AL6005-T5 & Stainless steel SUS304
Surface:
Clean Anodized



1 Rail 1#

SPECIFICATION

2560mm	3405mm	4200mm	Customized
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2 Rail Splice

SPECIFICATION

150mm	200mm
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3 Mid Clamp & End Clamp

SPECIFICATION

35mm	40mm	45mm	46mm	50mm
------	------	------	------	------



EPR-TRH-01

EPR-TRH-02

EPR-TRH-03



EPR-TRH-04



EPR-TRH-05



EPR-TRH-06

4 Roof Hooks

Material: Stainless Steel SUS304
Surface: Sandblasted
High Pre-assembled

Flat Roof

ROOF MOUNT COMPONENTS



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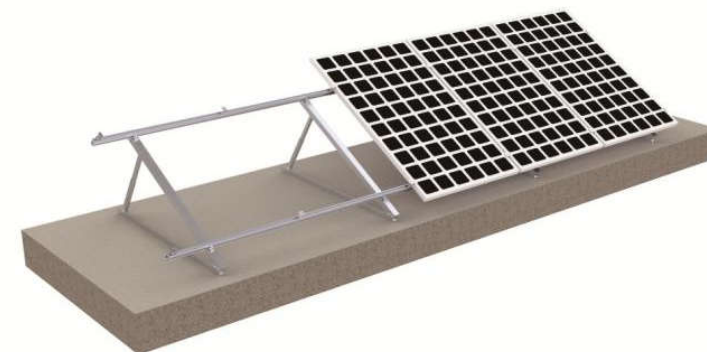
Mail: solar@emperysolar.com



ITEM NO.	MATERIAL	SPEC.	SURFACE
EPR-PCC Plastic Cable Clip	PLASTIC	for 2 cable	Black
EPR-SCC Stainless Cable Clip	SUS304	for 2/4 cable	Clean
EPR-GC Grounding Clip	SUS304	-----	Clean
EPR-GL Grounding Lug	AL6005-T5	-----	Clean
EPR-BJ Bonding Jumper	Copper Steel	160/180/200 Customized	Clean



FLAT ROOF TRIANGLE MOUNTING SYSTEM



INSTALLATION:



DETAILS:



Flat Roof

FLAT ROOF TRIANGLE-BALLASTED MOUNTING SYSTEM



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INSTALLATION STEPS



COMPONENTS:

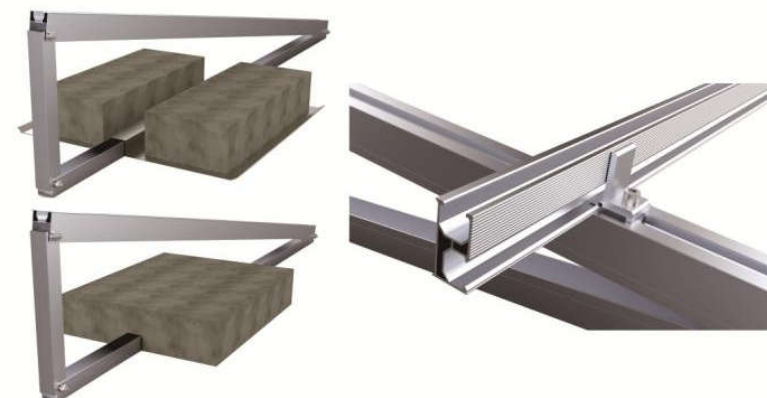


TECHNICAL INFORMATION

Install site	Flat roof
MAX Wind Speed	<60m/s
Snow Load	<1.4KN/m ²
Tilt Angle	10° -60°
Material	AL6005-T5 & SUS304
Standard	Japan JIS C 8955:2011

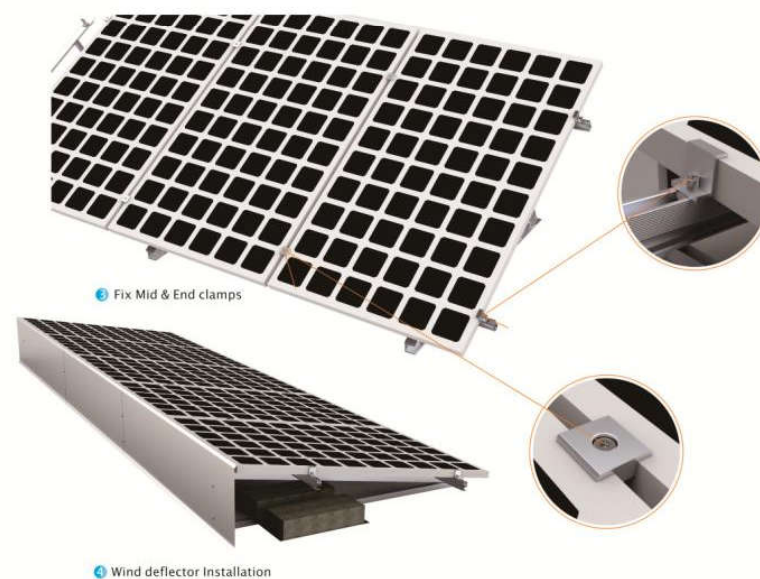
10 YEAR
WARRANTY

20 YEAR
DURATION



1 Put the concretes on the board

2 Rail Installation



3 Fix Mid & End clamps

4 Wind deflector Installation

Project Case

Ground Mount



Project Case

Roof Mount



Project Case

Farmland Mount



Project Case

Carport

