

EMPOWERING OUR WORLD
• WITH CLEAN ENERGY •



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Factory Add2: Intersection of Anyi Rd. & Wanxiang Rd., Wan'an Industrial Park, Zhangpu Cnty., Zhangzhou, Fujian, China.



Solar Racking & Tracking Systems Solution Provider

EMPOWERING OUR WORLD WITH CLEAN ENERGY



🔍 Kseng Solar



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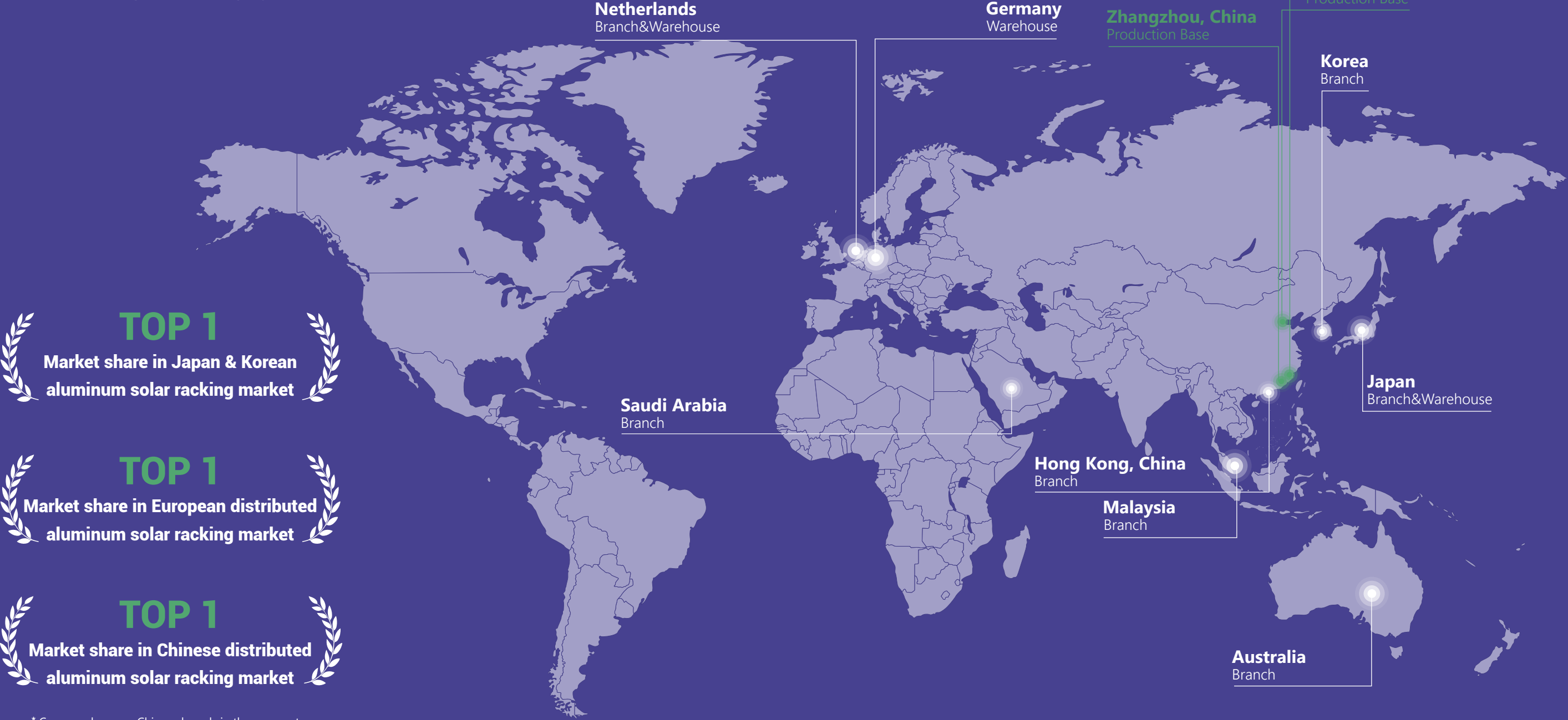
► Global Projects & Exhibitions

Global Projects

- 47 Global Solar Exhibitions

About Kseng

Solar Racking & Tracking Systems Solution Provider



TOP 1
Market share in Japan & Korean
aluminum solar racking market

TOP 1
Market share in European distributed
aluminum solar racking market

TOP 1
Market share in Chinese distributed
aluminum solar racking market

* Compared among Chinese brands in the same category

 **25GW**
Cumulative shipments

 **12GW**
Annual production capacity

 **7**
Branches & Offices

 **3**
Warehouse

 **2015**
Founded

 **1000+**
Employees

Certification



Verified PRO

Kseng has won the honorary titles of national and Xiamen high-tech enterprises, top ten solar racking suppliers, top ten most popular solar racking brands, etc.



Manufacturing Strength

Dual Manufacturing Bases

**Vertical Integration**
Whole industry chain of solar racking system

**12GW**
Annual production capacity of solar racking system

**30000Tons**
Annual production of aluminum alloy

Aluminum Solar Racking Production Line



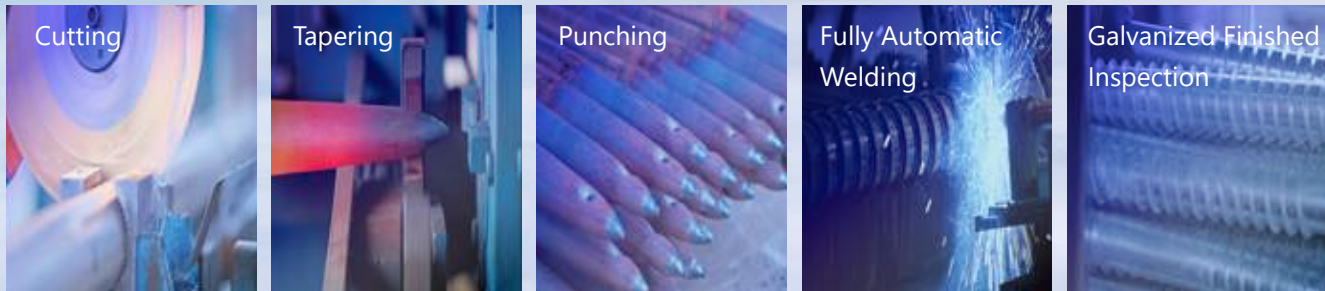
Vertical Integration Production

Two self-owned state-of-the-art manufacturing bases in Xiamen and Zhangzhou, Fujian, equipped with advanced automated equipment and a strict quality control process, realizing the whole industry chain production of solar racking system.

Steel Solar Racking Production Line



Ground Screw Production Line



📍 Zhangzhou, Fujian

📍 Xiamen, Fujian

All-around Service

Whole Process Engineering Service



Pre-project

Site survey and technical analysis if necessary



On-site guidance

1 to 1 technical support, providing on-site installation assistance for large scale project



After installation

After-sales engineering team follow up the whole process

Multilingual Team Support

365d*24h instant response in your language



Multilingual



365 days



24 hours



Global engineering
Design standards
Differentiated customization



Design drawing provided
within 48 hours



Complete technical
documents

Full Coverage and Offering

Rail solution



• L feet mount

Railless solution



• Mini rail base

Components



L feet



Rail



Rail connector



End clamp



Mid Clamp

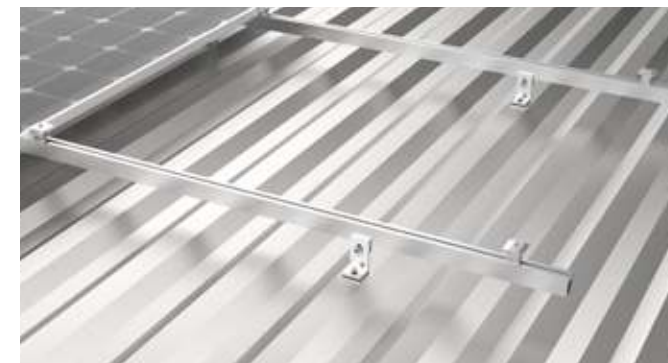


Self-tapping screw

METAL ROOF MOUNTING SYSTEM①

- ① Various roof clamps for different metal roof applications.
- ② Both rail or rail-free solution is available for specific need.
- ③ Light weight system for quick and easy installation.

Rail solution



• L feet mount

Rail+mini rail solution



• Mini rail base

Components



L feet



Rail



Rail connector



Clamp



Mini rail



Self-tapping screw

METAL ROOF MOUNTING SYSTEM②

- 1 Various roof clamps for different metal roof applications.
- 2 Light weight system for quick and easy installation.
- 3 Maximize the panel installation number.

Details



Components



Clip lock 700



Rail



Rail splice



Mid clamp



End clamp

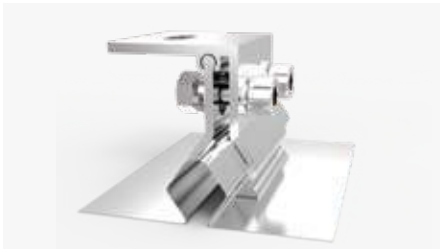
Various roof clamps



Item No.	Opening dimension
RF-0266	18.5mm



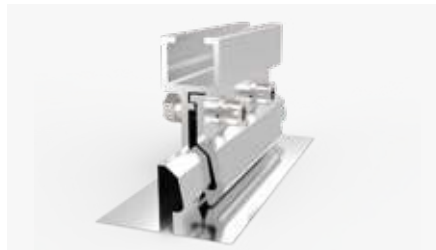
Item No.	Round seam dimension
RF-008	17.8mm



Item No.	Opening dimension
RF-0016	18.5mm



Item No.	Opening dimension
RF-0043	18.5mm



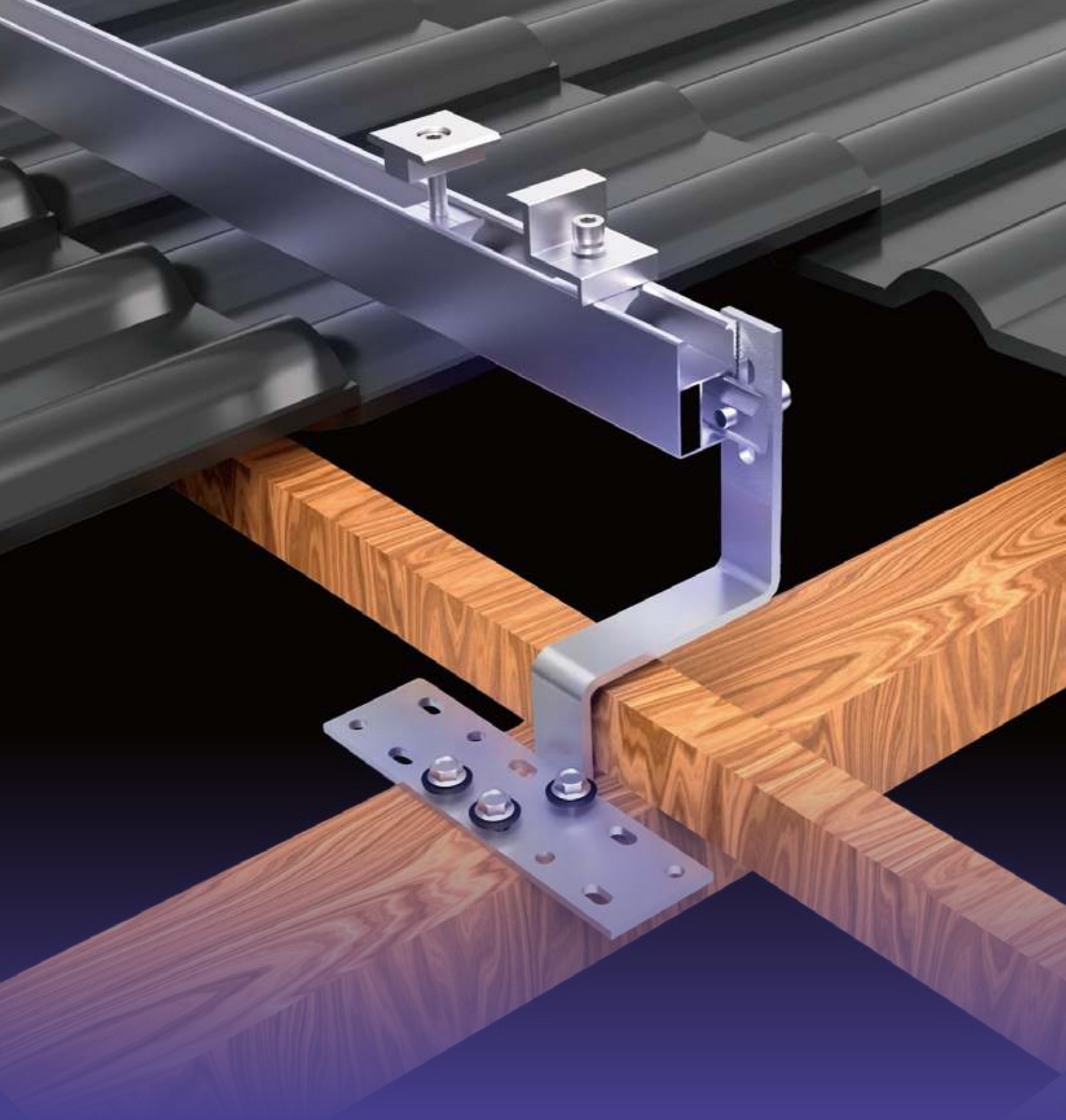
Item No.	Opening dimension
RF-0036	12.63mm



Item No.
RF-0042

STANDING SEAM ROOF MOUNTING SYSTEM

- 1 Highly pre-assembled components for quick installation.
- 2 Non-penetrative design for protecting roof.
- 3 Tailor-made for any standing seam roof sheet.



Components



RH-001 hook



Rail



Rail connector



Screw



Mid Clamp



End clamp

Other Hooks

	H1=44~51 H2=120 W1=150			H1=53~60 H2=120 W1=76	
Item number	Thickness	Material	Item number	Thickness	Material
RH-0018	5mm	SUS 304	RH-0037	5mm	SUS 304
Roof decking	Wood screw		Roof decking	Wood screw	
Tiled roof	st6.3*80mm		Tiled roof	st6.3*80mm	

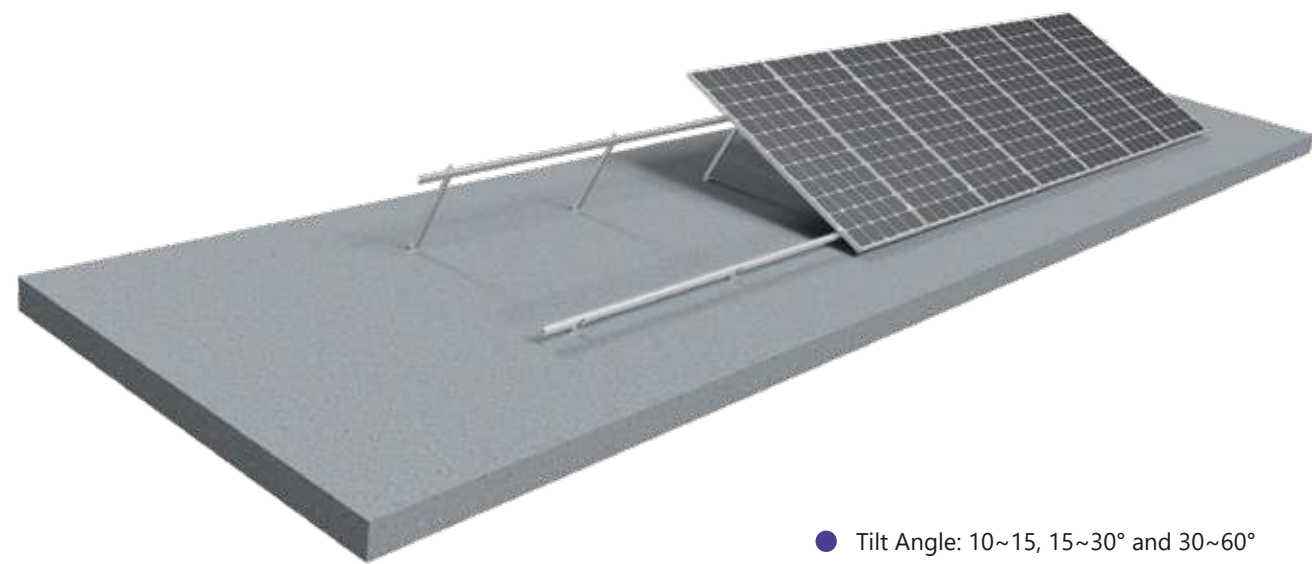
TILE ROOF MOUNTING SYSTEM

- 1 Suitable for both commercials and residential roof applications.
- 2 High grade anodized aluminum and stainless steel components.
- 3 Less accessories for easy installation, save the construction time and cost.

Specifications

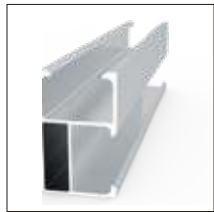
Material	Standard	Warranty	Wind Speed & Snow Load	Applicable Module
Aluminum AL6005-T5 Stainless Steel SUS304	AS/NZS 1170 JISC8955-2017 and other inter-national standards	10 Years Warranty, 25 Years Service Life	<80m/s Up to 1.4 kn/m ²	Frame or Frameless

ADJUSTABLE TILT ROOF MOUNTING SYSTEM



● Tilt Angle: 10~15, 15~30° and 30~60°

Components



Rail



Rail Connector



Front Leg



End Clamp



Mid Clamp



Rear Leg

Features

- 1

Adjustable angle
Specific adjustable angle range to optimize overall solar power yield
- 2

High-quality material
High-quality aluminum material, with excellent anti-corrosion performance and long service life
- 3

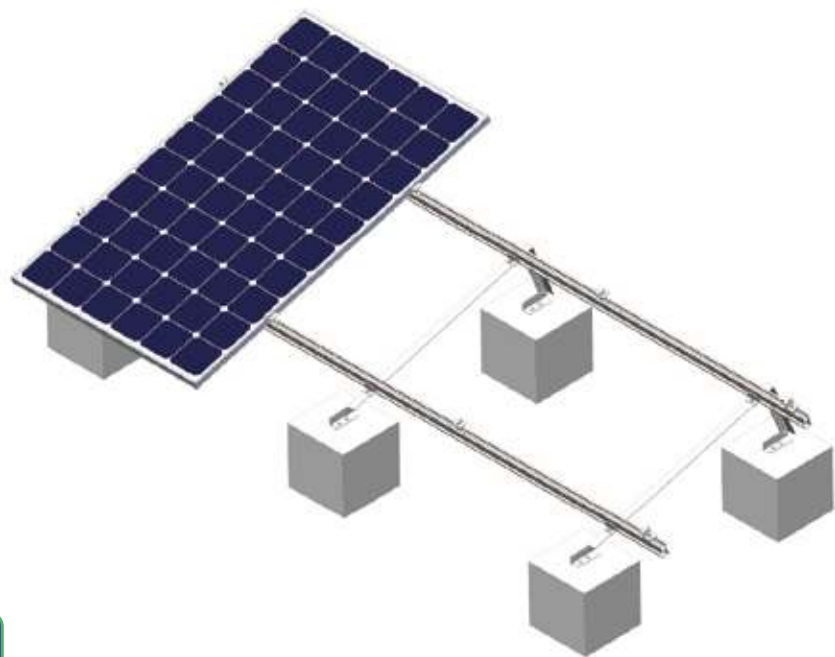
Lightweight
Easy transportation and installation
- 4

Easy installation
Simple and quick installation by attaching the clamps to the roof

Specifications

Material	Standard	Warranty	Wind Speed & Snow Load	Applicable Module
Aluminum AL6005-T5 Stainless Steel SUS304	AS/NZS 1170 JISC8955-2017 and other international standards	10 Years Warranty, 25 Years Service Life	<80m/s Up to 1.4 kn/m ²	Frame or Frameless





Details



Features

1

Non-penetrating design
Non-penetrating design won't cause any roof damage

2

Protecting windshield
Windshield is available for protect the whole system

3

Cost effective
East-west ballast mounting on the flat rooftop allowing for greater energy production

4

Pre-assembly
Maximum pre-assembled to save construction time and labor cost

Components



Mid Clamp



End Clamp



L Feet



Tripod



Rail



Ballast plate

Specifications

Material	Standard	Warranty	Wind Speed & Snow Load	Applicable Module
Aluminum AL6005-T5, Stainless SteelSUS304	AS/NZS 1170 JISC8955-2017 and other international standards	10 Years Warranty, 25 Years Service Life	<80m/s Up to 1.4 kn/m ²	Frame or Frameless

ALUMINUM BIPV MOUNTING SYSTEM



Components



Water Side Edge Sealing Plate



Gutter (Landscape)



Gutter Clamp



EPDM Rubber Pad



Clamp



Mid Clamp Cover



Self-Tapping Screw



Gutter (Portrait)

Specifications	Material	Standard	Warranty	Installation Site	Wind Speed
	Aluminum AL6005-T5, Stainless SteelSUS304	AS/NZS 1170 JISC8955-2017 and other international standards	10 Years Warranty, 25 Years Service Life	Rooftop	<80m/s

ZN-AL-MG BIPV MOUNTING SYSTEM



Details



①



②



③



④

Components



Waterproof EPDM Rubber Pad



Auxiliary Gutter



Mid Clamp



Main Gutter

Specifications	Material	Standard	Warranty	Installation Site	Wind Speed
	Zn-Al-Mg Coated Steel & Aluminum AL6005-T5	AS/NZS 1170 JISC8955-2017 and other international standards	10 Years Warranty, 25 Years Service Life	Rooftop	<80m/s

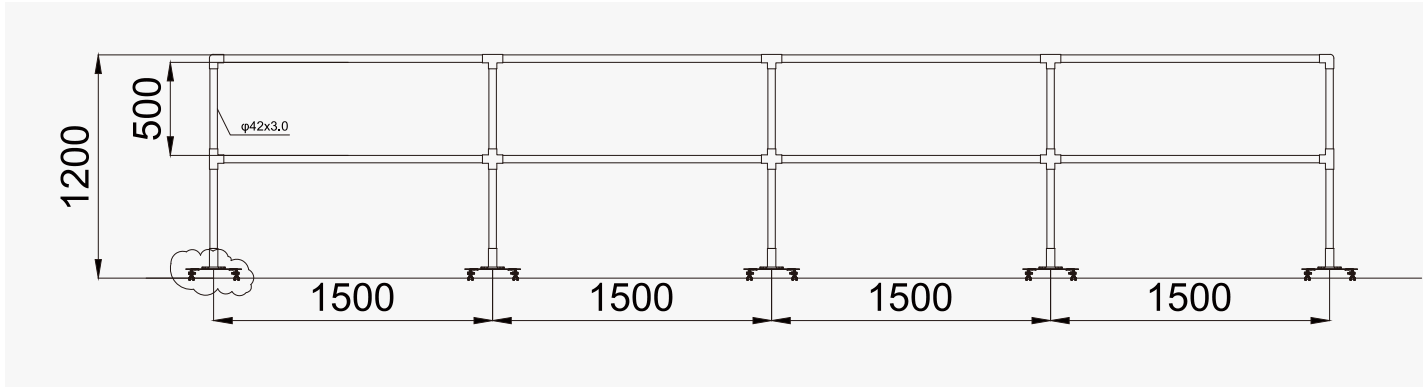
ROOFTOP GUARDRAIL WITH SAFETY GATE



-  Compatible with diverse roof types
-  Preassembled for quick installation
-  Available in galvanized steel or aluminum
-  Non-penetrative fixings preserve roof integrity



Product drawing



Specifications

Material	Q235
Surface Treatment	HDG
Height	1200mm
Spacing	1500mm
Rail Distance	500mm
Pipe Diameter Specifications	42mm
Wall Thickness	3mm
Tensile Load	1KN
Relevant Standard	EN ISO 14122 P3: 2016 US Occupational Safety and Health Standards 1910.29 -Guardrail systems

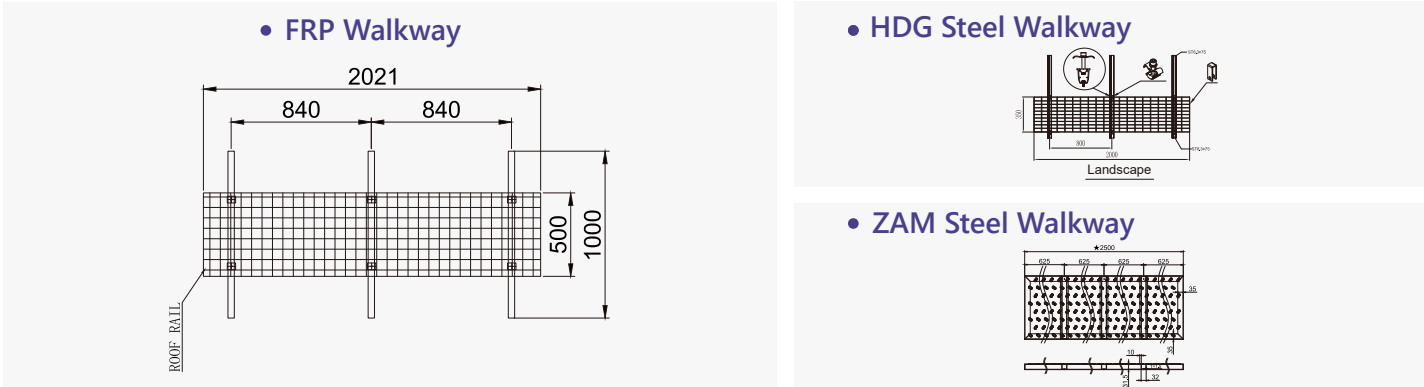
ZN-AL-MG COATED STEEL WALKWAY



-  Multiple color options
-  Customizable dimensions
-  Acid-base corrosion for great resistant
-  Anti-slip surface ensures great safety



Multiple walkway options



Specifications

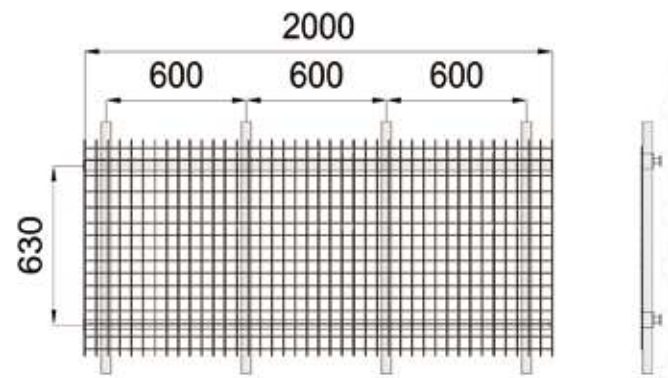
Thickness(mm)	Width(mm)	Length(mm)	Grating Size(mm)	Load Capacity
25	386	2438	38x38	150KG/m²
	424			
	462	3660		
	500			
30	386	2438	38x38	200KG/m²
	424			
	462	3660		
	500			
38	386	2438	38x38	300KG/m²
	424			
	462	3660		
	500			

SKYLIGHT MESH COVER

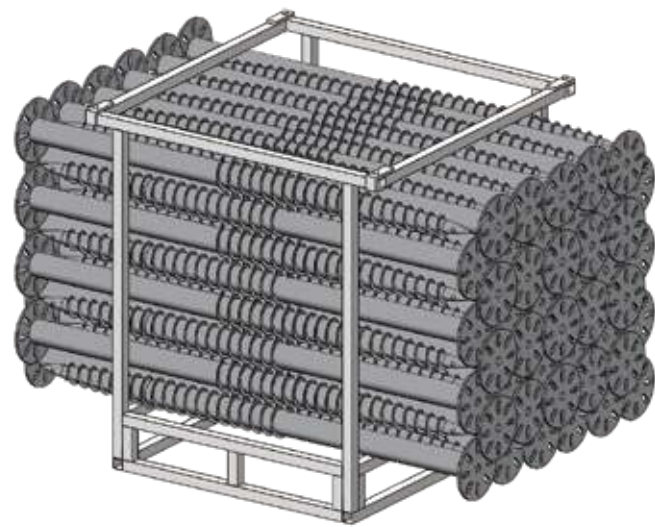
Features

 Designed for personal safety and fall prevention

 Mesh covers allow natural light without obstruction



HOT-DIP GALVANIZED STEEL GROUND SCREW



Ground Screw with Large Blades

● Applicable for Mellow or Sandy Ground

Material	Hot Dip Galvanized Q235B
Outer Diameter	76mm
Thickness	3-4mm
Length	1000-3600mm(Adjustable or not)
Flange Diameter	200mm&220mm



Adjustable Ground Screw

● Applicable for Uneven Ground

Material	Hot Dip Galvanized Q235B
Outer Diameter	76mm
Thickness	3-4mm
Length	1000-3600mm(Adjustable or not)
Flange Diameter	200mm&220mm
Nut Diameter	M12*40



Common Ground Screw

● Applicable for Ordinary Ground

Material	Hot Dip Galvanized Q235B
Outer Diameter	76mm, 89mm, 102mm
Thickness	3-4mm
Length	1000-3600mm(Adjustable or not)
Flange Diameter	200mm&220mm



Adjustable Ground Screw with Large Blades

● Applicable for Uneven Mellow or Sandy Ground

Material	Hot Dip Galvanized Q235B
Outer Diameter	76mm
Thickness	3-4mm
Length	1000-3600mm(Adjustable or not)
Flange Diameter	200mm&220mm
Nut Diameter	M12*40



Components



*The structure can be adjusted according to specific needs



Features

- 1 Pre-assembled
Maximum pre-assembly to ensure quick and easy installation
- 2 Optional foundation
Ground screws or concrete foundation
- 3 High-quality material
Aluminum structure allows excellent anti-corrosion performance and long service life
- 4 Great flexibility
Great fle xibility for different terrains, such as golf courses and slope ground

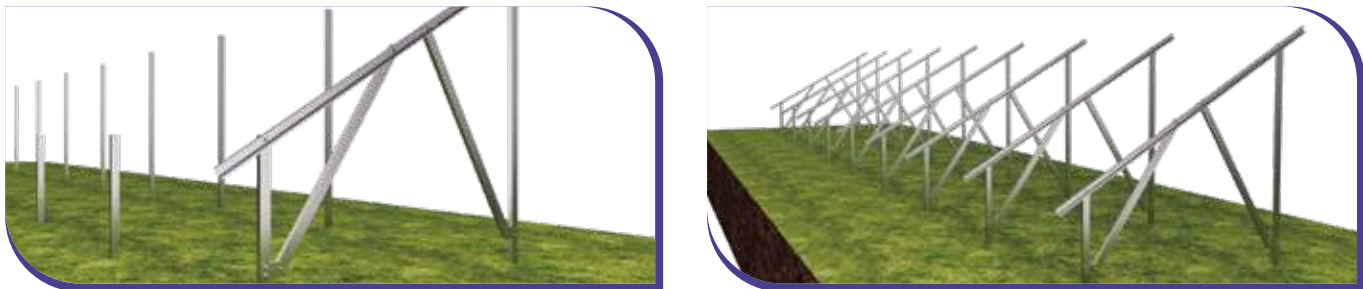
Specifications

Material	Standard	Warranty	Foundation
Aluminum AL6005-T5 Stainless Steel SUS 304	AS/NZS 1170 JISC8955-2017 and other inter- national standards.	10 Years Warranty, 25 Years Service Life	Screw or Concrete foundation

STEEL GROUND MOUNTING SYSTEM



Details



C pile foundation

Components



Pillar



Beam



Rail



Rail connector



S shaped clamp



End clamp

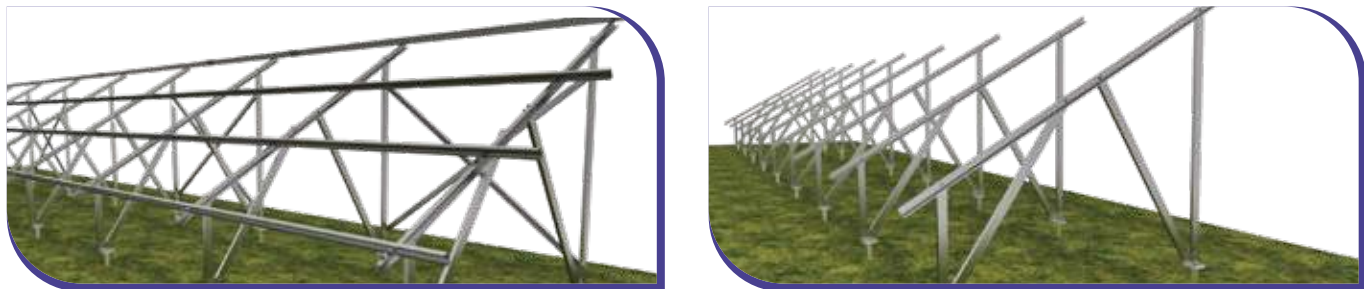


Mid clamp



- Hot-Dip Galvanized steel
- Zn-Al-Mg coated steel

Details

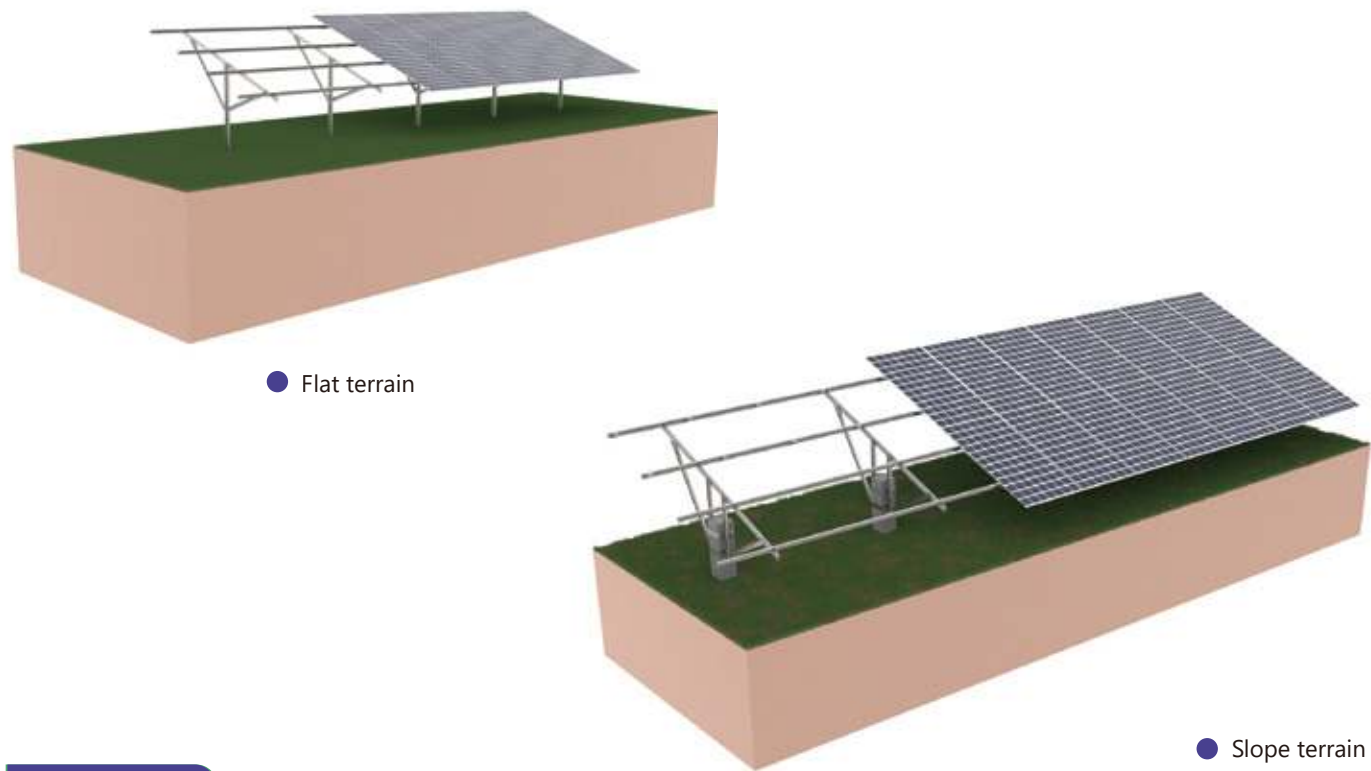


Ground screw foundation

- 1 Economical solution
Most economical ground mounting system
- 2 Competitive price
Made of lower-cost carbon steel & MAC steel
- 3 Suitable for any soil type
Suitable for any soil type, can be installed on even or uneven slopes
- 4 Modular design
Modular design allows for simple and easy installation

Specifications

Material	Standard	Warranty	Foundation
Zn-Al-Mg coated steel or Q235B carbon steel	AS/NZS 1170 JISC8955-2017 and other international standards.	10 Years Warranty, 25 Years Service Life	Screw or Concrete foundation



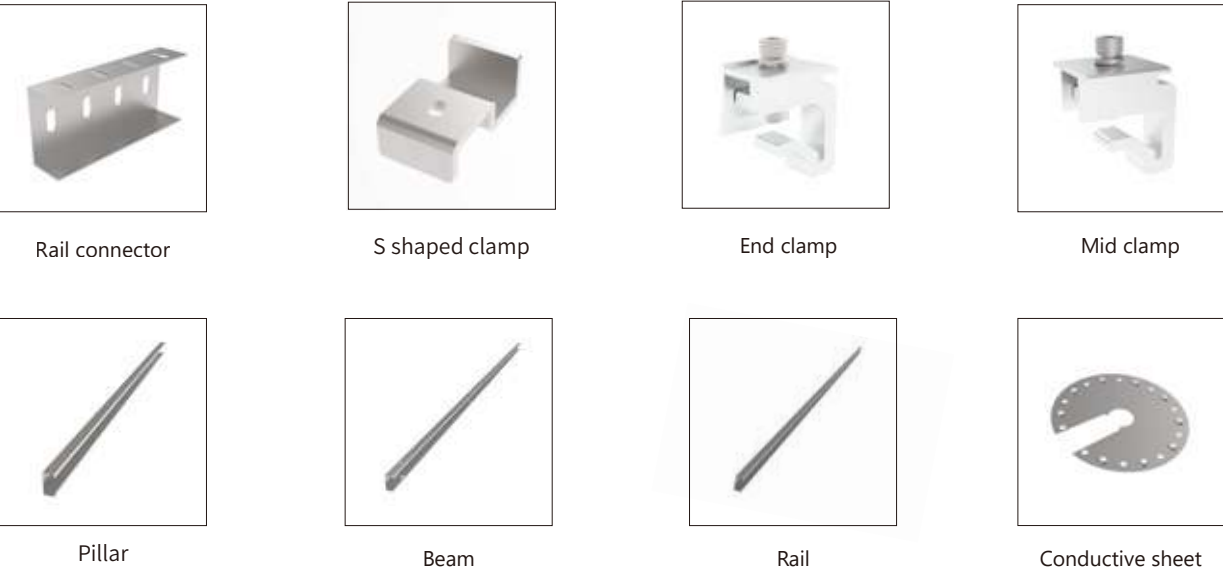
Options

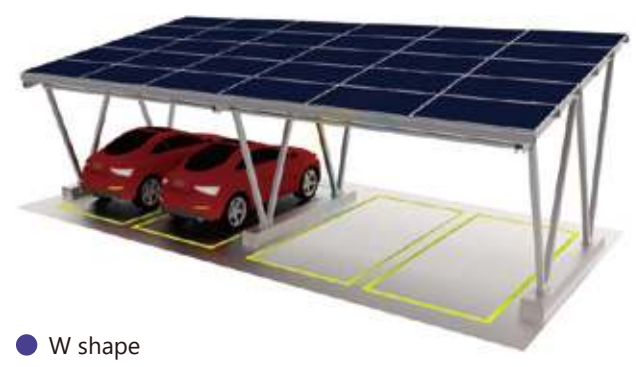


Features

- 1 Ideal solution
Ideal solution for flat ground, uneven complex terrain and slope conditions
- 2 Corrosion-resistant
Highly corrosion-resistant aluminum structure and galvanized steel post
- 3 Saving cost
Highly pre-assembly to save on-site installation time and labor cost
- 4 Wide applications
Applicable for terrain with 0-60° tilt angle from east-west direction

Specifications	Material	Standard	Warranty	Foundation
	HDG steel/ZAM steel	AS/NZS 1170 and other international standards.	10 Years Warranty, 25 Years Service Life	Pile or Concrete foundation





W shape



IV shape

Modular carport options



For 1 car



For 2 cars



For 3 cars



For 4 cars

*The structure can be adjusted according to specific needs



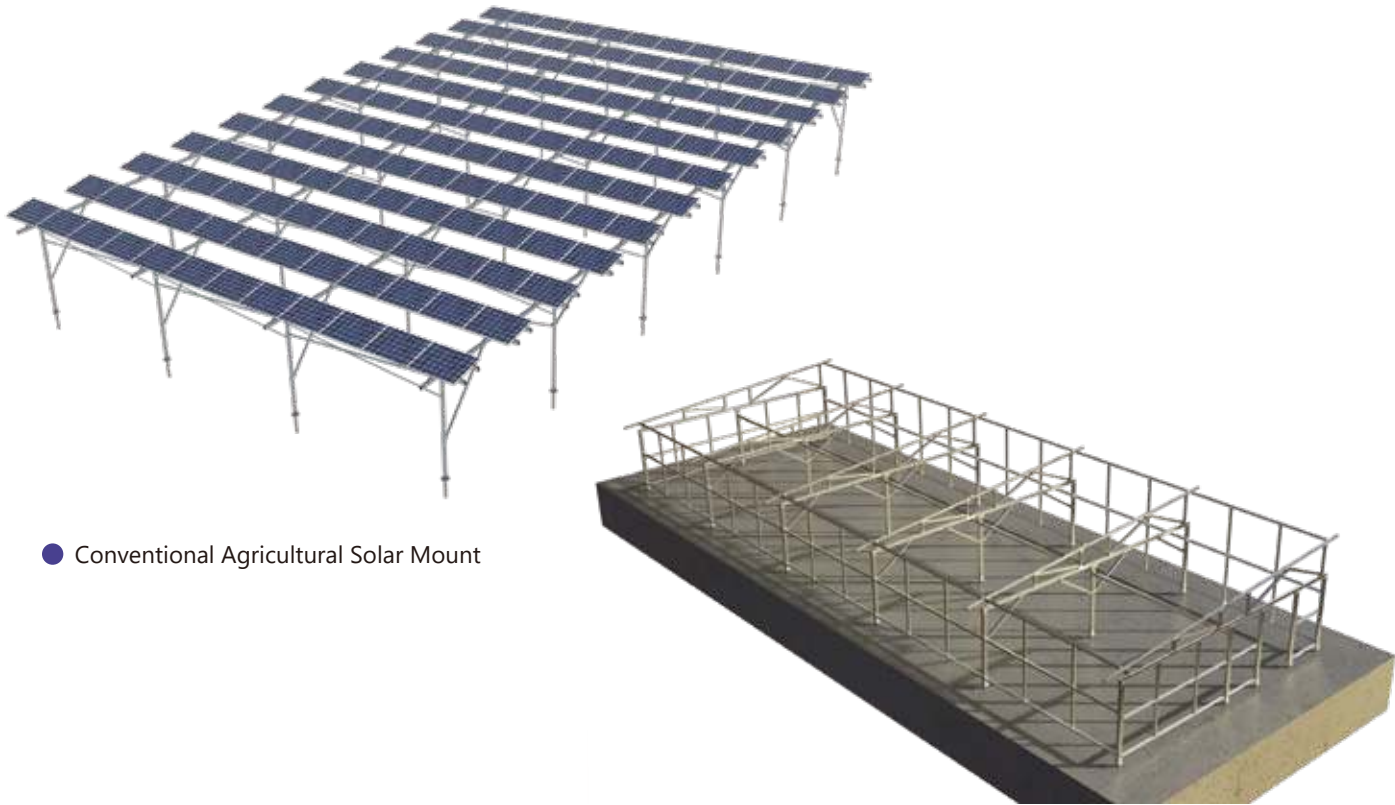
Carbon/MAC steel structure

Features

- 1 Win-win solution
Win-win solution to effectively use the space while generating electricity
- 2 Waterproof design
Fully waterproof design for framed module installation
- 3 Flexible structure
Suitable for different topographic conditions
- 4 Optional foundation
Various foundation options include precast concrete, bored pier and ground screw

Specifications

Material	Standard	Warranty	Foundation
Aluminum AL6005-T5 Stainless Steel SUS 304 HDG steel/ZAM steel	AS/NZS 1170 JISC8955-2017 and other inter- national standards.	10 Years Warranty, 25 Years Service Life	Screw or Concrete foundation



Conventional Agricultural Solar Mount

Greenhouse Solar Mount

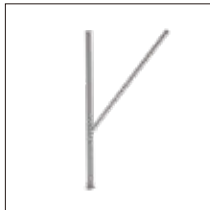
Components



Rail



Pre-assembled Beam



Pre-assembled Support



Tripod



Angel Support



Rail Connector



Beam Splice



Rail Clamp

Features



Perfect combination
Perfect combination for both power generation and cultivation



Cost savings
Significant saving time & labor cost by pre-assembled components

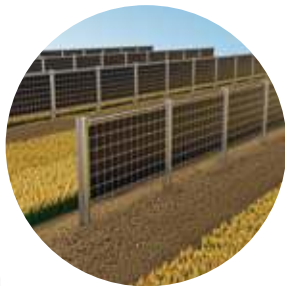
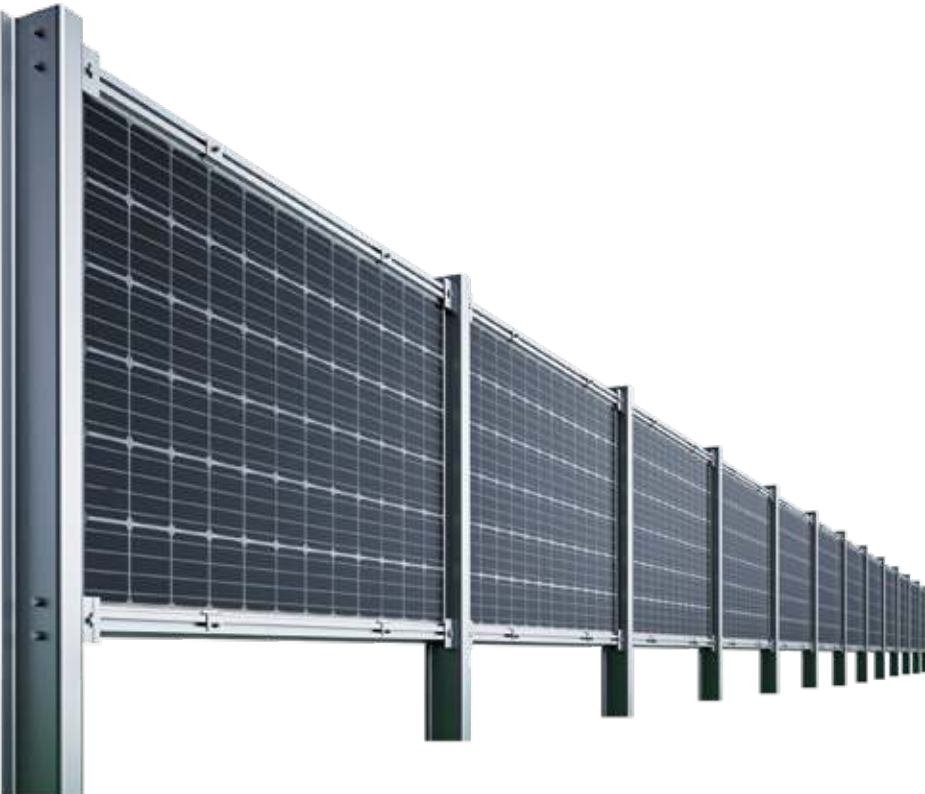


Customize layout
Customized layout to satisfy the different light exposure requirements of plants



Strong adaptability
Max span can up to 5-6 meters, accessible for agricultural vehicles and manual operations

Specifications	Material	Standard	Warranty	Foundation
	Aluminum AL6005-T5 Stainless Steel SUS 304 HDG steel/ZAM steel	AS/NZS 1170 JISC8955-2017 and other international standards.	10 Years Warranty, 25 Years Service Life	Screw or Concrete foundation



Details



Components



Clamp



Cross Bar



Pile



Rail Joint

Features

1

Stable structure
Stable vertical structure suits for high-latitude snowy areas

2

Optimal utilization
Combined use in agriculture and animal husbandry for optimal land utilization

3

Great compatibility
Supports monofacial & bifacial modules

4

Quick installation
Minimize components for quick installation

Specifications

Material

Hot-dip
Galvanized
Steel + AL6005-T5

Snow load

2KN/m²

Foundation

Pile foundation

Wind speed

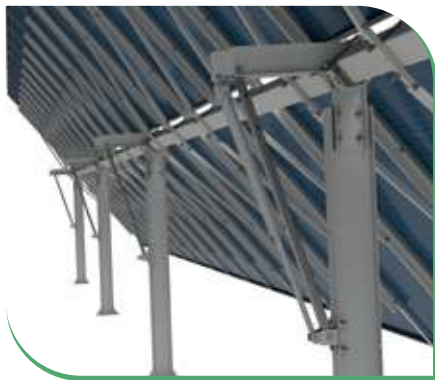
60m/s

KSM-SA

FIXED ADJUSTABLE GROUND MOUNTING SYSTEM



KSM-SA Stepless Adjusting



KSM-SA Step Adjusting

Structure		Adjustment		Efficiency	
Max-capacity per row	36kW (2 strings of 210-600W modules)	Adjustment method	Stepless or step	Stepless adjustment	One person
PV-Module per row	2Px30、 2Px15	Adjustment mechanism	Linear drive	Efficiency	7MW/day
Adjustment range	5°-60°	Mechanism quantity	1 pcs/post or 1 pcs/row	Step adjustment	One person
Slope tolerance	East-west 10°, north-south no limits	Adjustment tool	Electric tool or manual tool	Efficiency	2MW/day
Foundation spacing	4-6m	Adjustment accuracy	1°		

KSM-MA

FIXED ADJUSTABLE GROUND MOUNTING SYSTEM



KSM-MA Stepless Adjusting



KSM-MA Step Adjusting

Structure		Adjustment		Efficiency	
Max-capacity per row	36kW (2 strings of 210-600W modules)	Adjustment method	Stepless or step	Stepless adjustment	One person
PV-Module per row	2Px30、 2Px15、 4Hx7、 4Hx14	Adjustment mechanism	Linear drive	Efficiency	7MW/day
Adjustment range	5°-60°	Mechanism quantity	1 pcs/post or 1 pcs/row	Step adjustment	One person
Slope tolerance	East-west 5°, north-south no limits	Adjustment tool	Electric tool or manual tool	Efficiency	1.5MW/day
Foundation spacing	3-5m	Adjustment accuracy	1°		



KST SERIES **KST-1P**

ONE PORTRAIT HORIZONTAL SINGLE-AXIS TRACKER

Cost-effective, stable & efficient system

- 1 Fully fit for 210mm module
- 2 Easy installation & maintenance
- 3 AI algorithm to maximize power generation
- 4 Adapt to various terrains allowing a north-south slope up to 20%



KST SERIES **KST-2PM**

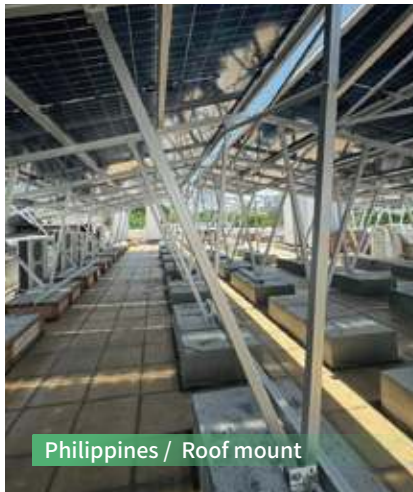
MULTI-DRIVE - DOUBLE PORTRAIT HORIZONTAL SINGLE-AXIS TRACKER

Multi-drive, strong wind-resistance capability

- 1 Fully fit for 210mm module
- 2 Easy installation & maintenance
- 3 AI algorithm to maximize power generation
- 4 Adapt to various terrains allowing a north-south slope up to 20%

GLOBAL PROJECTS^o

Roof mount



GLOBAL PROJECTS

Solar tracker



Ground mount



GLOBAL EXHIBITIONS^o



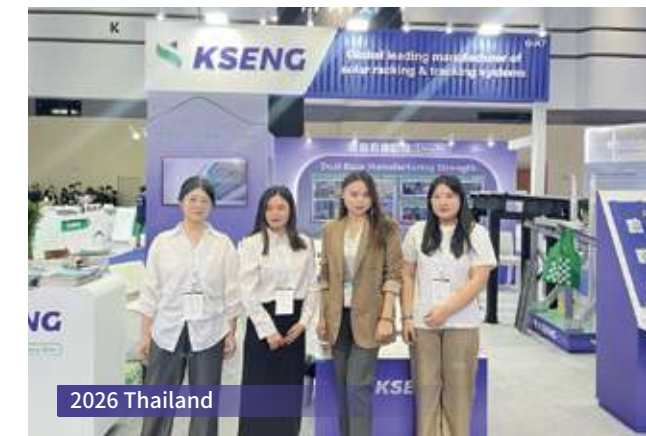
2025 Saudi Arabia



2026 Germany



2025 SNEC



2026 Thailand



2025 Netherlands



2025 Brazil



2026 Japan



2026 Italy



2026 Philippines