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尚华新能源科技有限公司

SUN-NOVA NEW ENERGY TECHNOLOGY CO.LTD

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COMPANY PROFILE ►

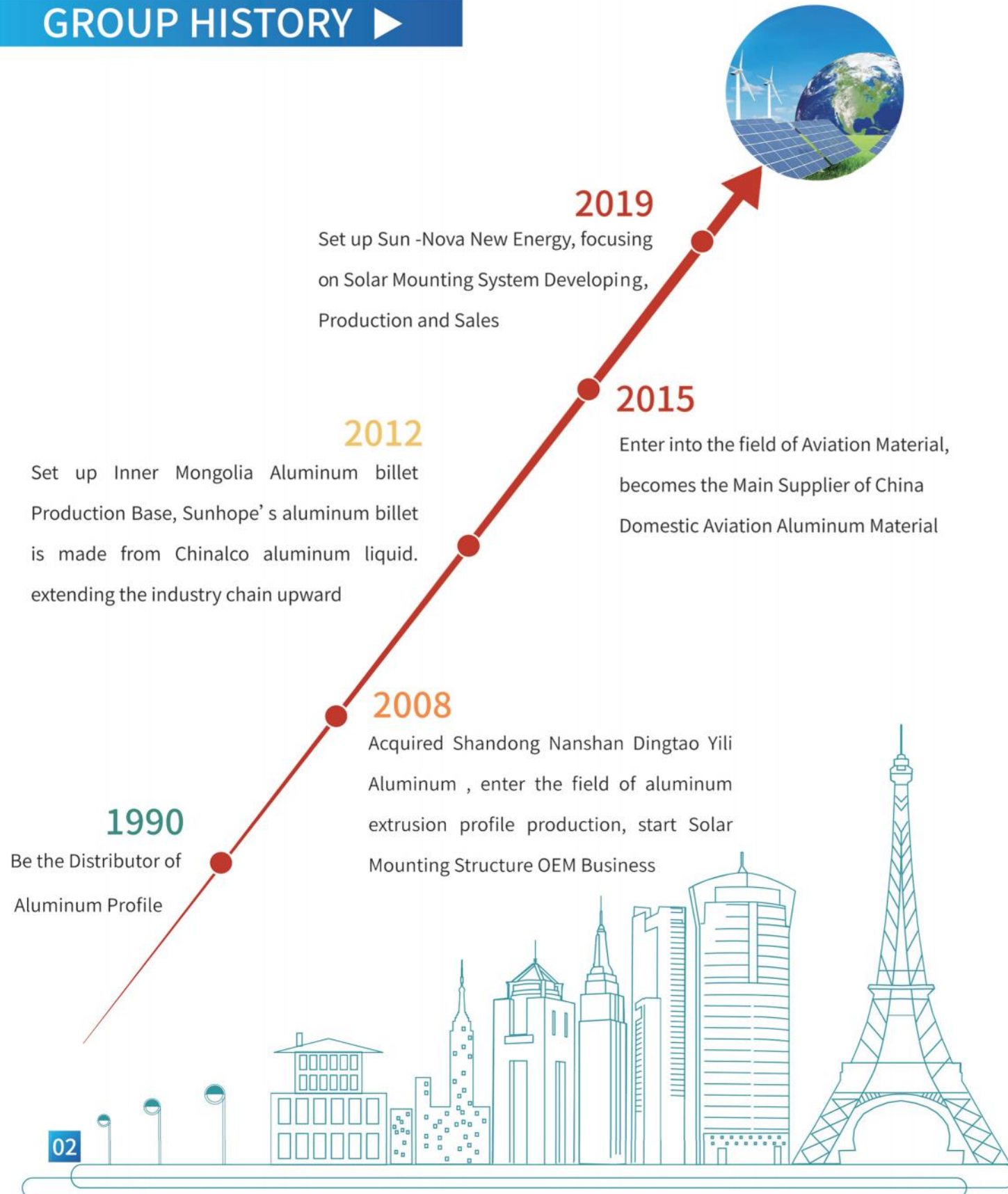
Sun-Nova New Energy Technology Co.Ltd is a subsidiary of Sunhope Group, which specializes in the design and production of solar PV mounting structures and solar PV mounting accessories. Sunhope group owns complete industrial chain from aluminum ingot - aluminum billet - aluminum extrusion profile - finished system & accessories production.

Sunhope Group owns subsidiaries:

Shanghai Sun-nova new energy technology Co., Ltd.,
Shanghai Tooze Metal Industry Co., Ltd.,
Shanghai Tooman Metal Industry Co., Ltd.,
Aeromate (Xiamen) Aviation Material Technology Co., Ltd.,
Sunhope Metal (Fujian) Industry Co., Ltd.,
Sun-Nova Aluminum Technology (Xiamen) Co., Ltd.,
Sun-Nova New Energy Technology Co. Ltd

With an annual output value more than 4 billion RMB, the group is the largest supplier of aluminum billet for aluminum extrusion in South China. Relying on the advantages of the group's industrial chain, Sun-Nova New Energy Technology Co. Ltd. focuses on the R & D, production and sales of Solar PV mounting system and accessories. With the development concept of “we come from aluminum, we develop aluminum”, we can provide the most professional Solar PV mounting solutions and products for our partners.

GROUP HISTORY ▶

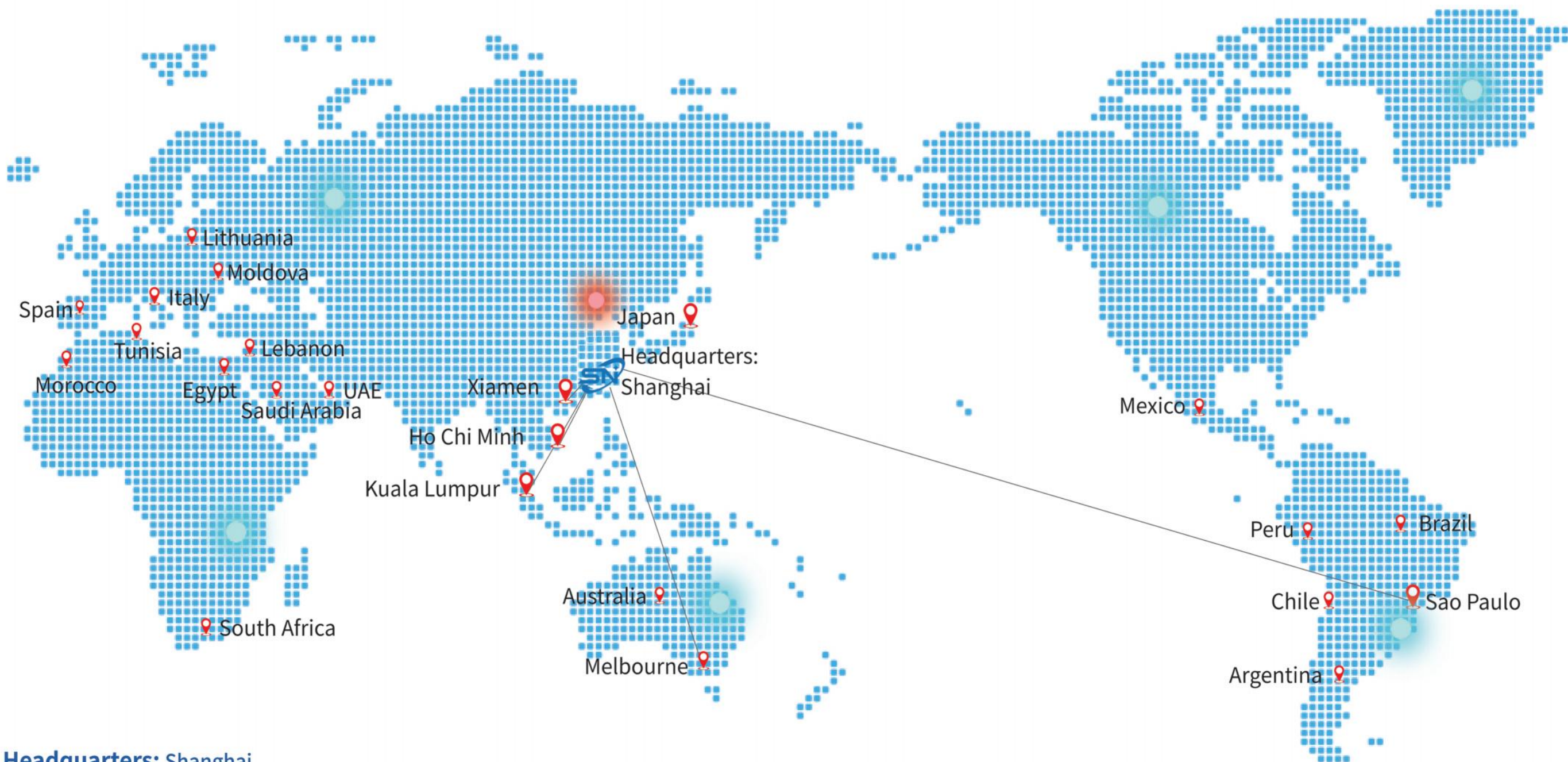


INDUSTRY CHAIN ADVANTAGE ▶

The group owns a complete industrial chain from aluminum ingots-aluminum billet-aluminum extrusion profiles-finished system & accessories production, which can provide our partners with one-stop service for raw materials to complete systems.



GLOBAL PLANNING ▶



Headquarters: Shanghai

Office: Ho Chi Minh, Sao Paulo, Kuala Lumpur, Xiamen, Melbourne

METAL ROOF MOUNTING SYSTEM ▶

Design Conditions

- Application: Metal roof
- Layout way: Landscape/portrait
- Material: 6005-T5+SUS304
- Standard: AS/NZS 1170.2:2011, JIS C 8955:2017, EN 1090
- Surface treatment: Anodizing



Mid Clamp



End Clamp



Rail



Rail Joiner

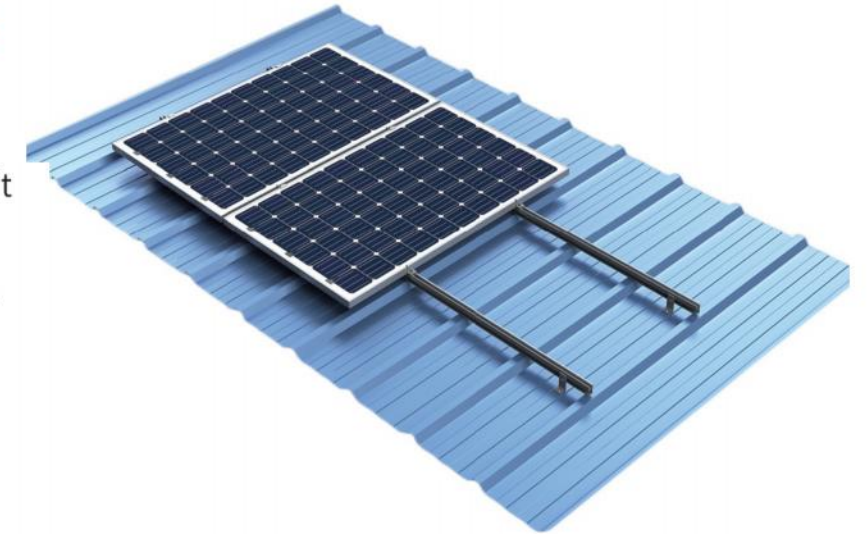


L Feet

NON-PENETRATED ROOF MOUNTING SYSTEM ▶

Design Conditions

- Application: Metal roof
- Layout way: Landscape/portrait
- Material: 6005-T5+SUS304
- Standard: AS/NZS 1170.2:2011, JISC 8955:2017, EN 1090
- Surface treatment: Anodizing



Mid Clamp



End Clamp



Rail



406 Kliplok(Small)



700 Kliplok(Small)

TRI-BRACKET MOUNTING SYSTEM ▶

Design Conditions

- Application: Metal roof
- Layout way: Landscape/ portrait
- Material: 6005-T5+SUS304
- Standard: AS/NZS 1170.2:2011, JIS C 8955:2017, EN 1090
- Surface treatment: Anodizing
- Options: Adjustable tri-bracket/
Fixed tri-bracket

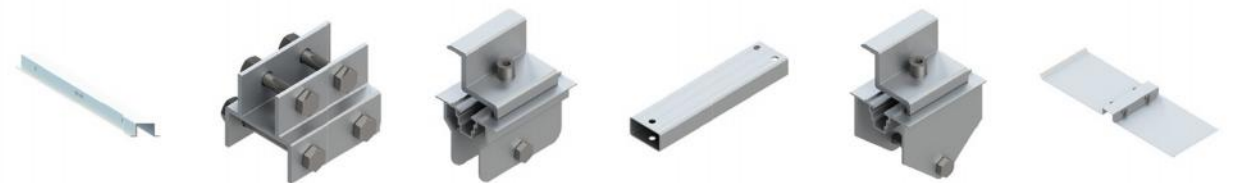
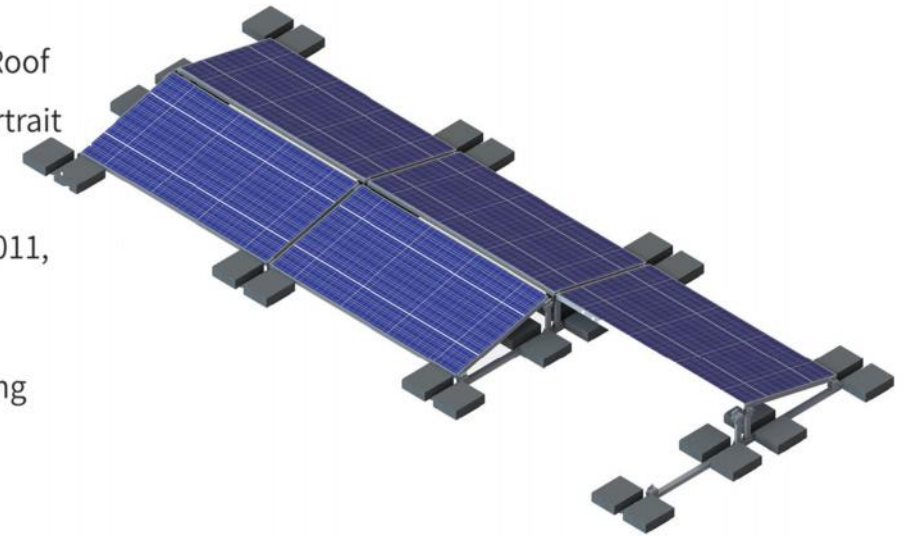


Mid Clamp End Clamp Rail Rail Joiner Tri-Bracket Adjustable Rear Leg

BALLAST MOUNTING SYSTEM ▶

Design Conditions

- Application: Flat Concrete Roof
- Layout way: Landscape/ portrait
- Material: 6005-T5+SUS304
- Standard: AS/NZS 1170.2:2011, JIS C 8955:2017, EN 1090
- Surface treatment: Anodizing



Beam Base Rear Fixing Pole Front Fixing Plate

BALLAST MOUNTING SYSTEM ▶

Design Conditions

- Application: Flat Concrete Roof
- Layout way: Landscape/portrait
- Material: 6005-T5+SUS304
- Standard: AS/NZS 1170.2:2011, JIS C 8955:2017, EN 1090
- Surface treatment: Anodizing



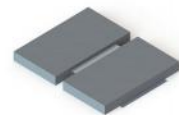
Beam Joiner



Beam



Front Fixing



Plate



Rear Leg

TILE ROOF MOUNTING SYSTEM ▶

Design Conditions

- Application: Tile Roof
- Layout way: Landscape/portrait
- Material: 6005-T5+SUS304
- Standard: AS/NZS 1170.2:2011, JIS C 8955:2017, EN 1090
- Surface treatment: Anodizing



Pantile
Roof Hook



Adjustable Pantile
Roof Hook



Mid Clamp



End Clamp



Rail

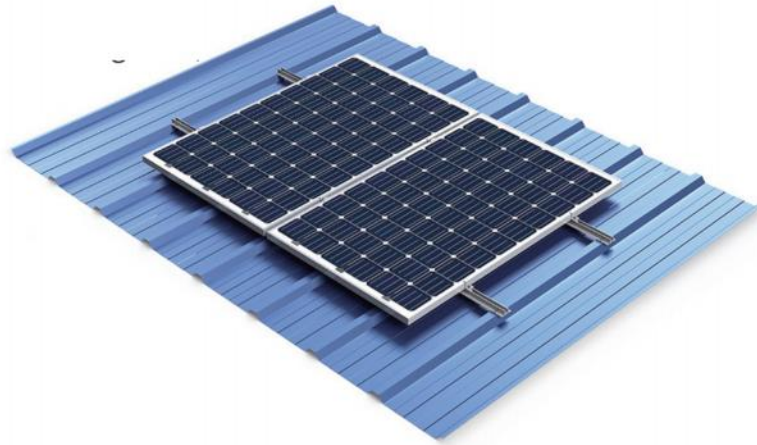


Rail Joiner

RAILLESS ROOF MOUNTING SYSTEM ▶

Design Conditions

- Application: Metal Roof
- Layout way: Landscape/portrait
- Material: 6005-T5+SUS304
- Standard: AS/NZS 1170.2:2011, JIS C 8955:2017, EN 1090
- Surface treatment: Anodizing



Mini Rail
(Panels In Landscape)



Mini Rail
(Panels In Portrait)



Mid Clamp



End Clamp

ADJUSTABLE TILT LEG MOUNTING SYSTEM ▶

Design Conditions

- Application: Metal roof & Flat concrete roof
- Layout way: Landscape/Portrait
- Material: 6005-T5+SUS304
- Standard: AS/NZS 1170.2:2011, JIS C 8955:2017, EN 1090
- Surface treatment: Anodizing



Mid Clamp



End Clamp



Rail



Rail Joiner



Front Leg



Rear Leg

BALCONY MOUNTING SYSTEM ►

Design Conditions

- Application: Balcony Mounting System
- Material: 6005-T5+SUS304
- Layout way: Landscape
- Standard: AS/NZS 1170.2:2011, JIS C 8955:2017, EN 1090
- Surface treatment: Anodizing



Adjustable Tilt Leg Balcony Mounting System



Tri-bracket Balcony Mounting System



Tri-Bracket



Adjustable Leg



Balcony Hook



Fixing Plate



Rail

ALUMINUM GROUND MOUNTING SYSTEM ►

Design Conditions

- Application: Flat ground; Slope
- Layout way: Landscape/portrait
- Material: 6005-T5+SUS304
- Foundation: Screw pile/Concrete foundation
- Standard: AS/NZS 1170.2:2011, JIS C 8955:2017, EN 1090
- Surface treatment: Anodizing



Rail



Beam



Pole



Connector



Base



Rail Splice

RAMMING PILE MOUNTING SYSTEM ▶

Design Conditions

- Application: Flat ground; Slope
- Layout way: Landscape/portrait
- Material: 6005-T5, Q235B/Q355B, SUS304
- Foundation: U pile
- Standard: AS/NZS 1170.2:2011, JIS C 8955:2017, EN 1090
- Surface treatment: Anodizing, Hot Dip Galvanized



Rail Beam Pole Connector W Adjustable Connector Rail Splice Pole

ALUMINUM CARPORT MOUNTING SYSTEM ▶

Design Conditions

- Application: Flat ground
- Layout way: Landscape/portrait
- Material: 6005-T5+SUS304
- Foundation: Concrete Block
- Standard: AS/NZS 1170.2:2011, JIS C 8955:2017, EN 1090
- Surface treatment: Anodizing
- Options: Waterproof and Non-waterproof

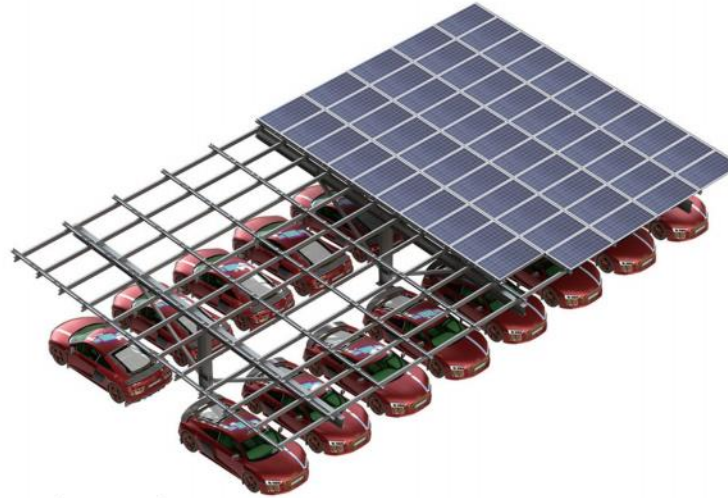


Rail Beam Pole Connection Base

STEEL CARPORT MOUNTING SYSTEM ►

Design Conditions

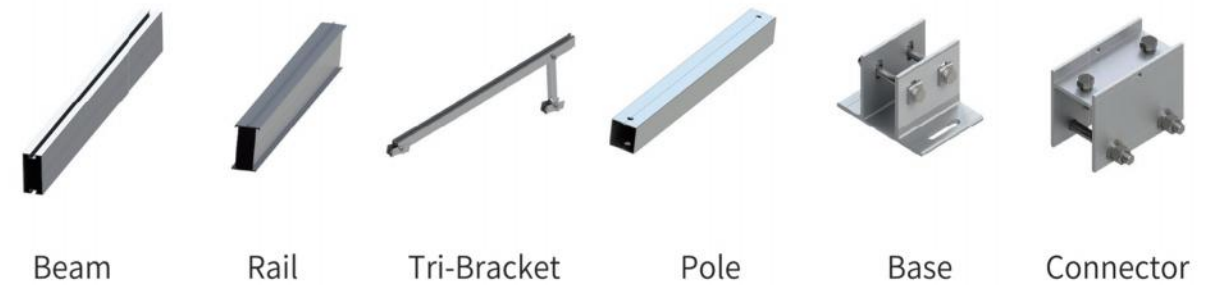
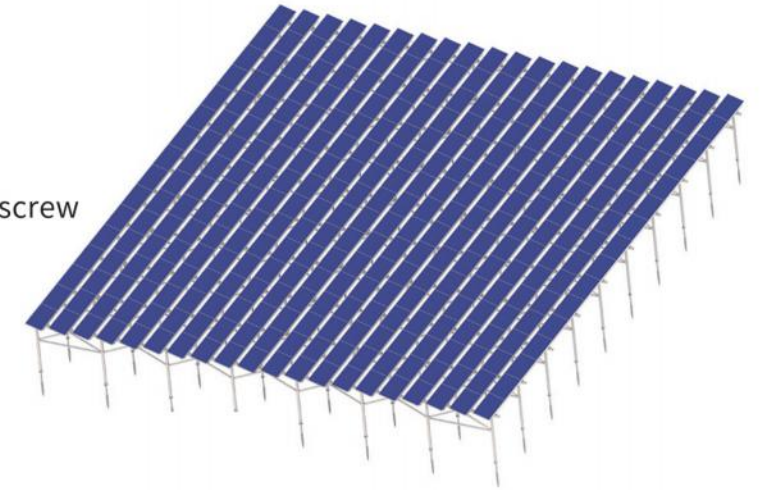
- Application: Flat ground
- Layout way: Landscape
- Material: Q235B+Q355B
- Foundation: Concrete Block
- Standard: AS/NZS 1170.2:2011, JIS C 8955:2017, EN 1090
- Surface treatment: Anodizing+Hot Dip Galvanized
- Options: Waterproof and Non-waterproof



ALUMINUM FARMLAND MOUNTING SYSTEM ►

Design Conditions

- Application: Farmland
- Layout way: Landscape/portrait
- Material: 6005-T5+SUS304
- Foundation: Concrete Block/Ground screw
- Standard: AS/NZS 1170.2:2011, JIS C 8955:2017, EN 1090
- Surface treatment: Anodizing



STEEL FARMLAND MOUNTING SYSTEM ▶

Design Conditions

- Application:Farmland
- Layout way:Landscape/portrait
- Material:Q235B/Q355B
- Foundation:Pile
- Standard:AS/NZS 1170.2:2011, JIS C 8955:2017, EN 1090
- Surface treatment:Anodizing+ Hot Dip Galvanized



Support



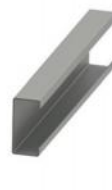
Pole



Tri-Bracket



Rail Splice



C Profile

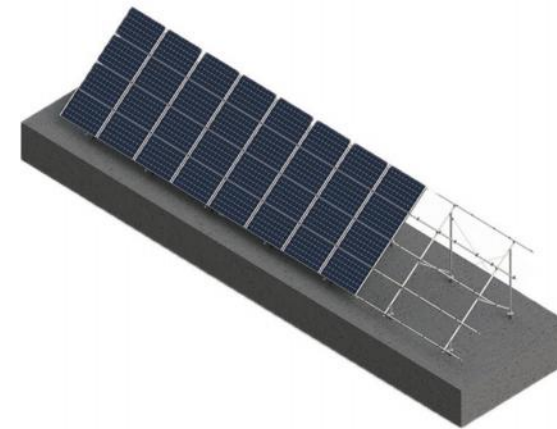


End Clamp

STEEL GROUND MOUNTING SYSTEM ▶

Design Conditions

- Application:Open terrain
- Layout way:Landscape/portrait
- Material:Q235B/Q355B /S350D
- Foundation:Spiral/Cement foundation
- Standard:AS/NZS 1170.2:2011, JIS C 8955:2017, EN 1090
- Surface treatment:Anodizing+Hot Dip Galvanized



Portrait



Landscape

ALUMINUM PROFILES ▶



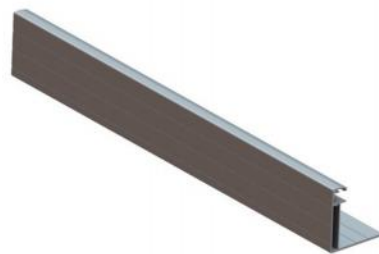
Module Frame Profiles



Module Frame Profiles



Black



Silver

FENCE ▶

Introduction



- Surface treatment: Galvanized iron wire (pretreatment) → plastic dipping (post treatment)
- Color: usually white, brown/customization
- Foundation: direct-driven; separated mode; concrete block
- Height: 1000mm-1800mm/customization
- Door: Single/double
- Mesh size: 74*150, 50*150/customization
- Characteristics:
 - 1. Galvanized iron wire (pretreatment) and dipping (post treatment) is more resistant to corrosion.
 - 2. Anti theft style can prevent climbing

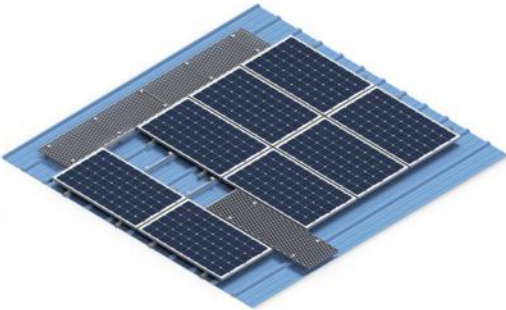
ROOFTOP WALKWAY ▶

Design Conditions

- Application: Metal roof
- Material: 6005-T5+SUS304
- Standard: EN755
- Surface treatment: Mill finish
- Layout way: Landscape/portrait



Steel Rooftop Walkway



Aluminum Rooftop Walkway



FRP Rooftop Walkway

GROUND SCREW ▶



Product No	Length	Diameter	Thickness	Flange Diameter	Material	Customization Available
SH76XT3.5X1200	1200mm	76mm	3.5mm	220mm	Hot Dip Galvanized Q235B/Q345B	
SH76XT3.5X1400	1400mm					
SH76XT3.5X1600	1600mm					
SH76XT3.5X1800	1800mm					
SH76XT3.5X2000	2000mm					
SH76XT3X1200	1200mm	76mm	3.5mm	200mm	Hot Dip Galvanized Q235B/Q345B	
SH76XT3X1400	1400mm					
SH76XT3X1600	1600mm					
SH76XT3X1800	1800mm					
SH76XT3X2000	2000mm					

ACCESSORIES ▶



406 Kliplok(big)



700 Kliplok(big)



Thin Film
Mid Clamp



Grounding Lug



Cable Clip



Thin Film End Clamp



Mini Rail



Rail Joiner



T Roof Clamp



Roof Hook 1



Roof Hook 2



Roof Hook 3



Hanger Bolt



Earth Clip

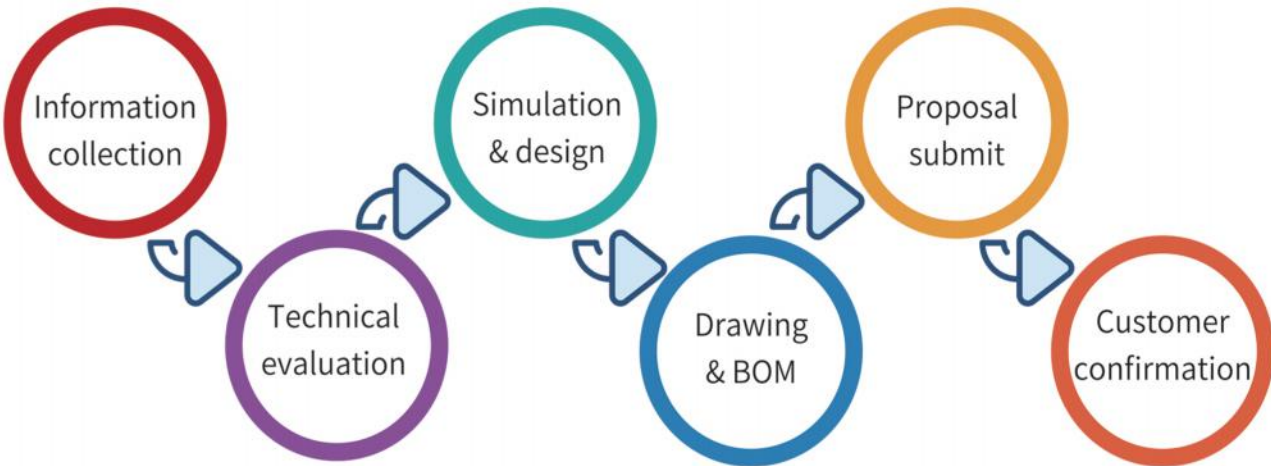


Black Mid Clamp



Black End Clamp

PROJECT INFORMATION REQUEST ▶



A:Roof System	
Module specification	1956x992x40mm 350W,24kg
Maximum wind speed	46m/s
Orientation (Portrait/Landscape)	1x5 10sets(landscape)
Panel tilt angle	6°
Roof type	Metal/Tile/Flat cement roof
Roof section information	Metal roof section information
Purlin type	Wooden /steel
Special request	Close to seaside,about 3KM

B:Ground System	
Module specification	1956x992x40mm 350W,24kg
Maximum wind speed	46m/s
Orientation (Portrait/Landscape)	1x5 10sets(landscape)
Panel tilt angle	6°
Foundation	Ground screw/U pile/Concrete
Ground clearance	500mm
Special request	Close to seaside,about 3KM

