



ANTAI SOLAR

A brief introduction about Antaisolar



A composite image featuring a dark, mountainous landscape in the foreground with glowing, ethereal rivers. In the background, the Earth is visible as a bright, curved horizon against a starry night sky filled with the Milky Way galaxy.

RAISE A GREEN WORLD

— A dream never has been changed —

General Overview



Established in
2006



Manpower 800



120 persons
R&D team



All-material, all-function, all-service
products and solutions



Globalization and
localization layout



Global supply
chain system



Cumulative shipments
reached 25.4GW



Leading position in
Japan market



Leading position in Australia
distribution market



Leading position in Chile
distribution market,
Vietnam, Malaysia,
Singapore and other markets

Global Layout

R&D Centers

Shanghai Xiamen
Zhangzhou Madrid

Production Bases

Fujian Jiangsu Tianjin
Indonesia India Brazil

Logistic Center

Japan
Australia
Turkey

Branches

USA Japan Netherlands
Chile India Singapore
Shanghai

Offices

Mexico Brazil Vietnam
Philippines Malaysia
Argentina Spain Poland
Jordan Dubai

Global Headquarter

Xiamen, China



Global Shipment

6820
MW

Japan

4896
MW

Australia

6985
MW

China

3080
MW

South East Asia

1217
MW

Latin America

2354
MW

Others

(Europe, Middle East Africa,
Middle West Asia, South Korean, ect.)

25.4GW

Cumulative shipments (By2022)

2022 shipment 6052MW

R&D Certification

120
Persons

120 Persons highly educated R&D team

- It has four R&D bases in Xiamen, Shanghai, Zhangzhou and Madrid;
- A highly educated research and development team of 120 people;
- More than 1/3 postgraduate degree or above

17
Years

17 Years of Professional Experience

- Engaged in the research and development of photovoltaic brackets for 17 years;
- Obtained multiple national patents;
- Leading and participating in the application of a large number of domestic and foreign projects

200
Items

200+ Patents & Certifications

- 68 certification tests
- 86 national patents
- 8 copyrights



- National High-tech Enterprises
- The "Specialized New Little Giant" of the ministry of industry and information technology
- Provincial Academician Expert Workstation

Design Standards



SEI
STANDARDS
SERIES



JISの規格

Technical certification



CPP



gamcorp





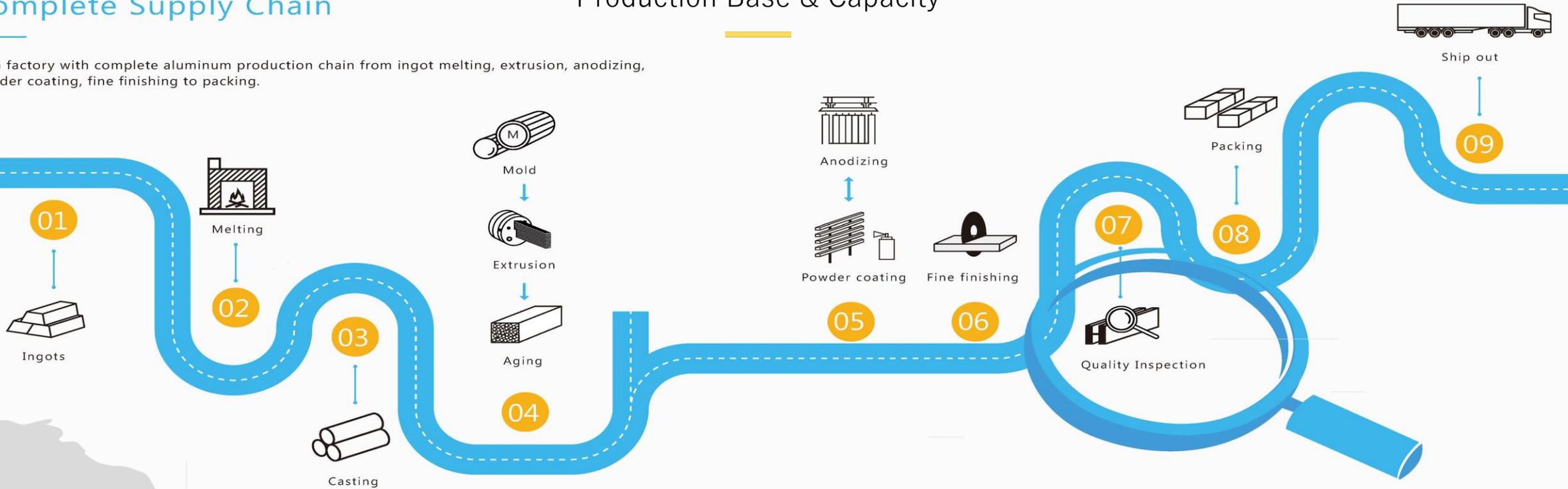
Manufacture & Quality

ONE-STOP PRODUCTION
EXCELLENCE QUALITY

Complete Supply Chain

Own factory with complete aluminum production chain from ingot melting, extrusion, anodizing, powder coating, fine finishing to packing.

Production Base & Capacity



Production Base & Capacity

6 Global Production Bases

China-Fujian, Jiangsu, Tianjin, Indonesia, India, Brazil



Brazil



India



Fujian



Tianjin

Jiangsu



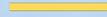
Indonesia

Annual Production Capacity **25GW**

Annual Capacity of Steel **15 G W**

Annual Capacity of Aluminum **10 G W**

Research & Develop



HARDCORE TECHNOLOGY LAYS THE FOUNDATIONS
FOR OUR LEADERSHIP



Material Research & Manufacturing

High Performance Alloy Exceeding National Standards

| | AL6063-T5 | AL6005-T5 | ANTAI High performance alloy (AL6005-T6) |
|---------------------------|-----------|-----------|--|
| Tensile strength (Mpa) | 175 | 250 | 290 |
| Yield strength (Mpa) | 130 | 200 | 265 |
| Post-break elongation (%) | 7 | 7 | 10 |

Product & Solution



SOLUTIONS COVERING
ALL MATERIALS · ALL FUNCTIONS · ALL SCENARIOS

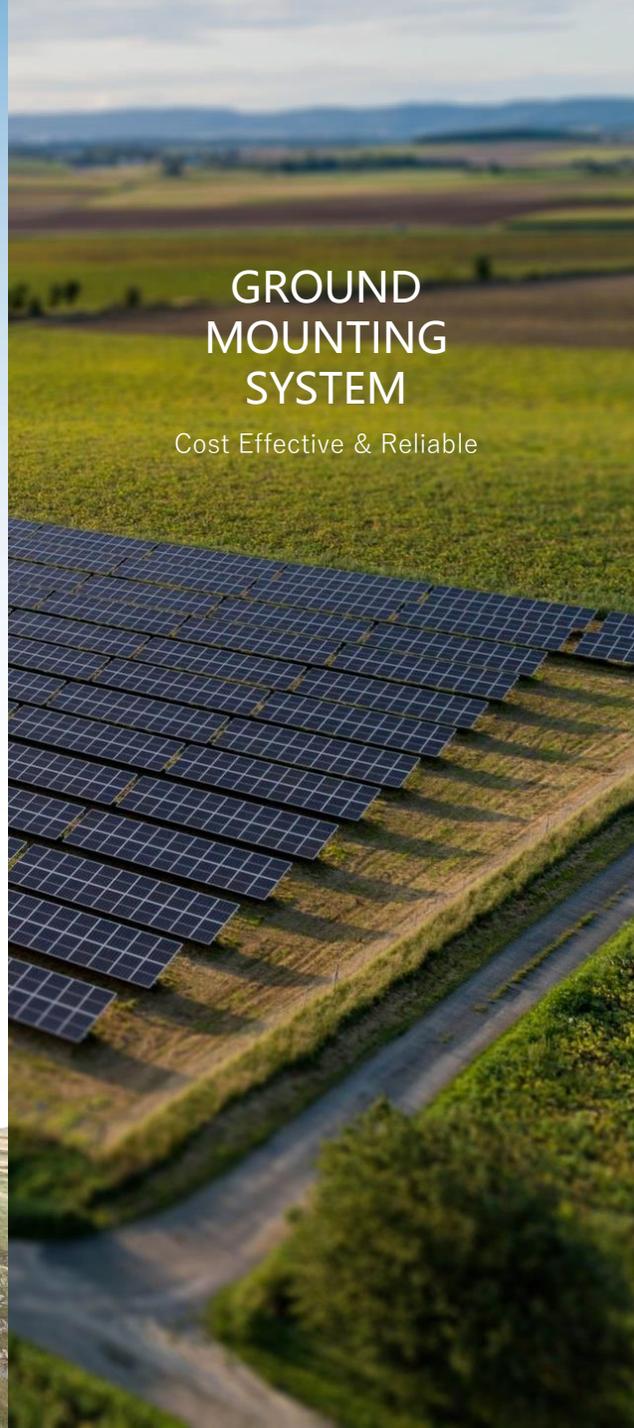
SOLAR TRACKING SYSTEM

High Performance & High Efficiency



GROUND MOUNTING SYSTEM

Cost Effective & Reliable



BIPV INDUSTRIAL SOLUTION

Deep Fusion With Architecture



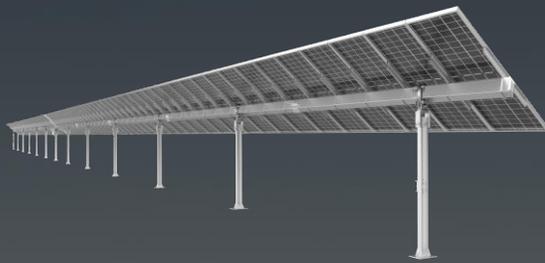
RESIDENTIAL / C&I ROOFTOP

Protect The Roof & Save Costs

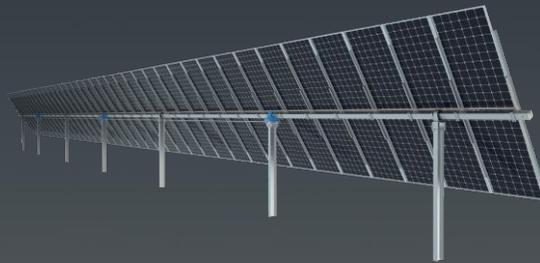


Solar Tracking System

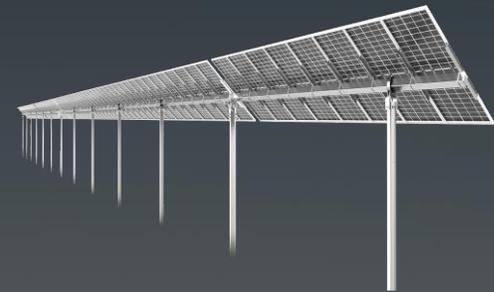
Suitable for large ground projects with strong terrain adaptability, high applicability and applicability. With Antai's exclusive intelligent monitoring, operation and maintenance system for real-time tracking, it effectively improves power generation efficiency and reduces operating costs.



Tai **Simple**
Slew-drive Single-axis
Independent Solar Tracking System -
1P



Tai **Universal**
Multiple Slew-drive Single-axis
Independent Solar Tracking System -2P



Tai **Space**
Multiple Slew-drive Single-axis
Independent Solar Tracking System -
1P

Ground Mounting System

Suitable for large ground projects, a variety of products are available according to project requirements. High-strength materials, stable structure, economical and practical, easy installation and maintenance.



Al/Steel



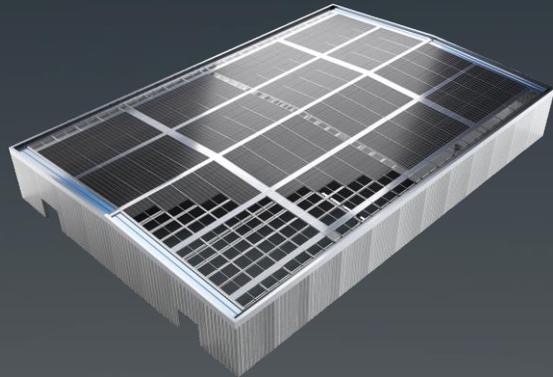
Steel



Carport

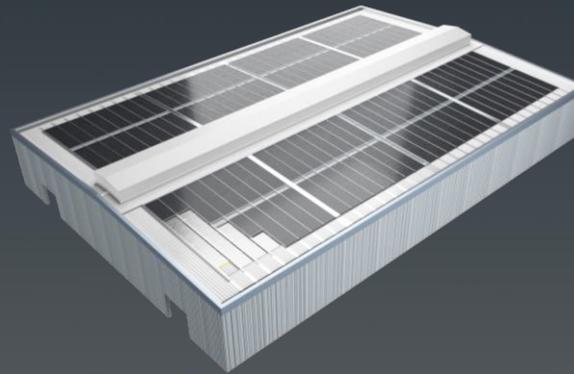
BIPV Industrial Solution

From new roofs to old roofs, a wide range of products is available to cover a wide range of usage scenarios and needs, providing a green boost to the plant.



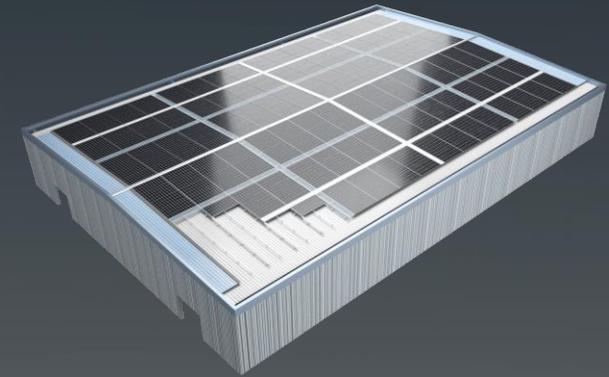
Taiyang Roof - Single

Application scenario:
new & refurbished plant



Taiyang Roof - Single +
Insulation

Application scenario:
new & refurbished plant with insulation needs

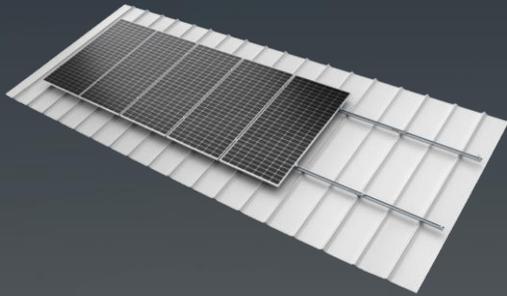


Taiyang Roof - Dual

Application scenario:
traditional metal roof or tile roofs

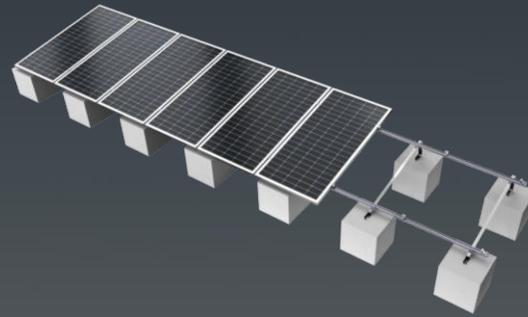
Residential / C&I Rooftop

The product range is able to suit all types of roofs, can be customized to suit different requirements



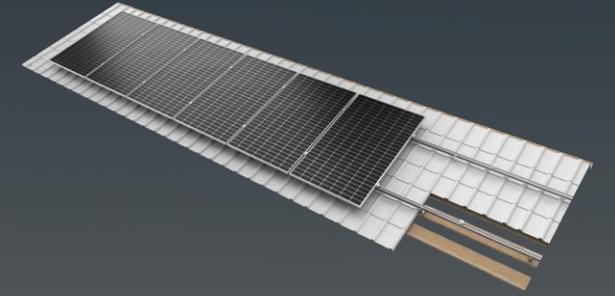
Metal Roof

A wide range of products to suit different types of metal roof compatible with designs with or with rails



Flat Roof

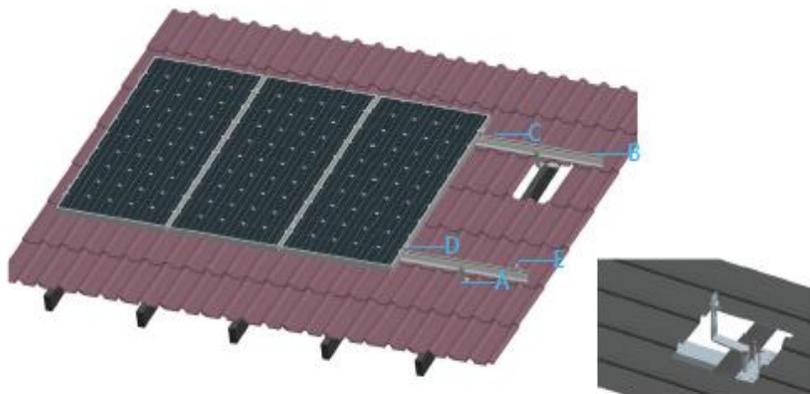
Depending on the load-bearing requirements of the roof, different solutions such as ballast and tripod can be provided in a targeted manner for efficient and convenient installation.



Tile Roof

With a wide range of hooks and lightweight aluminum rails. Suitable for all types of common residential roofs.

Residential Solar Roof System



Components



A : Tile roof hook



B : Rail



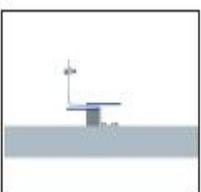
C : Rail splice



D : Inter clamp

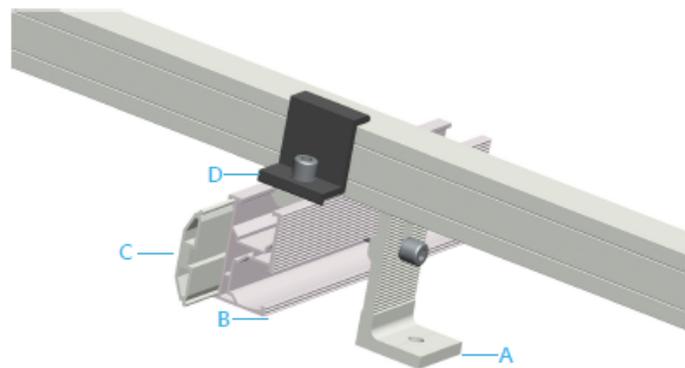


E : End clamp



Side view

Industrial Solar Roof System



Components



A : L bracket



B : Rail



C : Rail splice



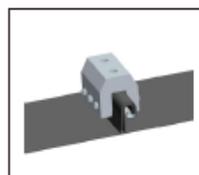
D : Clamp

Use to secure rails through roofing material. Fix the L bracket (together with rubber pad) to the rafter using SUS 410 Screw.

Supporting PV modules, aluminum extrusion, length customizable. Connect the rail with L bracket by T-module and tighten the bolt.

Connect multiple rails together, forms a rigid joint. Slide the splices on the rear side of rail with the next rail segment.

Providing bond from rail to module. Slide the end clamp tightly against the solar module and fasten tightly using the Allen bolt.



A : Locked seam®



B : L foot



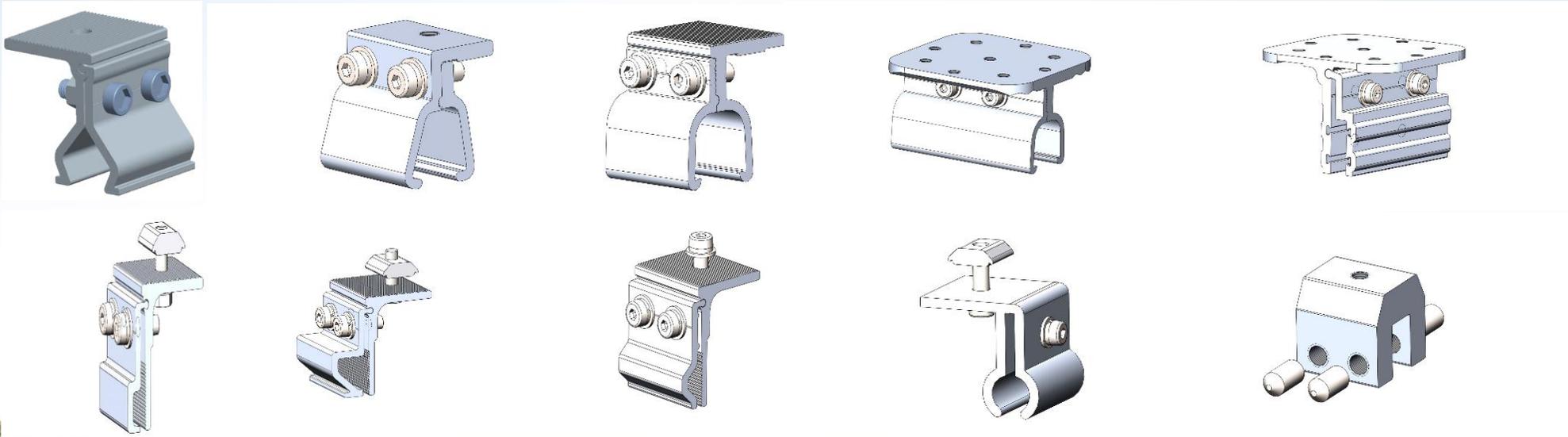
Kalzip®



Kliplok® 406

► Non-penetrative Installation

- Different brackets to match different roofing sheet perfectly.
- Identify the roofing sheet & Pull-out test on project site.





ANTAI
Aluminum & AI Tech for Solar

TAILOR-MADE DESIGN

*Tailor-made design
is the secret of our success*



PROJECT TECHNICAL SUPPORT



Pre-project:
Site survey & Technical analysis



On-site guidance:
Overall on-site installation assistance
by special personnel in large project



After installation:
Commissioning & Troubleshooting

Singapore HDB Solar Nova-2 : 50MW
More than 864roofs, customized design



2MW

Thailand Rooftop Project

Product: L Feet + Rail System





200KW

Georgia Carport Project

Waterproof Carpark Mounting Accessories

400KW

| Korea Agriculture Solar Mounting Project

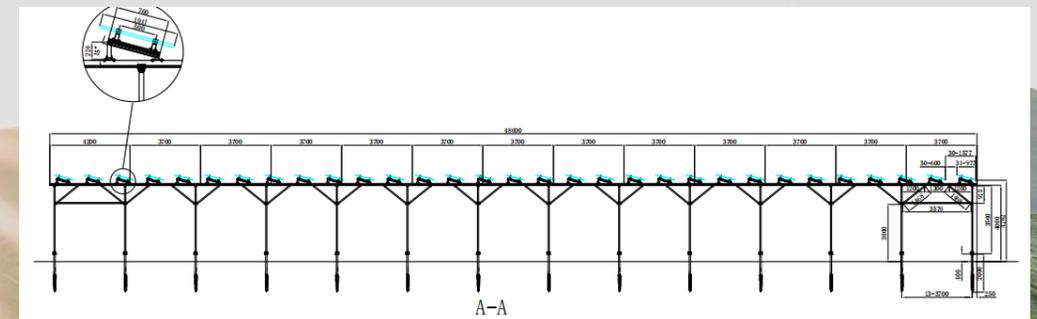
| Product: Agriculture Solar Mounting



Wind Speed
24M/S



Snow Depth
0.5 KN/sqm



38MW

- | Ningbo Fishery-solar hybrid, agricultural light complementary, Ground project
- | Product: MAC Solar System



China-Ningxia Capacity : 172MW
Tracking System



China-Yunnan Capacity: 130MW
「TaiyangRoof」 BIPV





Philippines Capacity : 65MW
Fixed Ground Mounting System

Service & Support

CUSTOMER VALUE ARE OUR TOP PRIORITY



One-stop Lifecycle Service



Quick Respond

24-hour response to global customer



Technical Support

A wide range of technical consulting and training



Customized Design

Understanding the needs and giving the best solution



POT Test

Provide a complete POT test process



Pile Design

Based on the POT report, design the pile foundation type and burial depth



Local Service

Multiple offices worldwide to provide on-site support



Local Logistics

Quick response to project needs with local warehousing in multiple locations worldwide



Material support

Supply of a full set of product installation materials and technical documentation



Station Monitoring

Monitoring the safety of power station operations from anywhere, at any time



SolarAID Platform

Automated, location-based scheduling design platform. Easy plant design



After Sales Warranty

10-year warranty
Life cycle after-sales service



Our Vision

THE WORLD'S LEADING SOLUTION PROVIDER OF CLEAN ENERGY