PV Mounting System For Crystalline Solar Module
Tile on-roof PV Mounting System

• Installation on tiles roof.
• Various quick roof hooks with different strength and structure are available.
• Quick installation due to pre-assembly and easy attachment.

Metal Sheet Roof PV Mounting System

• For different kinds of metal sheet roofs, including corrugated roof, trapezoidal roof, standing seam roof and etc.
• Various roof connections are available.
• Special design to achieve good water proofing performance

Flat Roof PV Mounting System

• Installation on flat roof.
• Standard series or adjustable types are available to satisfy various installation demands and customers’ requirements.
• Triangle structure is made of Aluminum or galvanized steel.
• Ballast frame or concrete foundation.

Open Terrain PV Mounting System

• Suit for large PV station projects.
• Various steel or aluminum profile is available.
• Each type can adopt screw pile or concrete foundation.
TILE ON - ROOF PV MOUNTING SYSTEM

**Step 1:** Fix the roof hook on the wood beam with wood screw.

**Step 2:** Put the aluminium rails on the top of roof hook, fixing it with click-in nut and bolt.

**Step 3:** Fix the module on the rail by module clamp with bolt and click-in nut.

**Technical Data**

- **System No.:** 40001
- **Roof type:** Tile roof
- **Module type:** Crystalline module
- **Installation type:** Parallel to roof
- **Module orientation:** Horizontal or vertical
- **Max. wind speed to withstand:** On request
- **Max. snow pressure to withstand:** On request
- **Material of main components:** Stainless steel 304 & Aluminium 6063T5
- **Colour:** Silvery white
- **Warranty:** 10 years
METAL SHEET ROOF PV MOUNTING SYSTEM
--CORRUGATED

Technical Data
- System No.: 400002
- Roof type: Corrugated roof
- Module type: Crystalline module
- Installation type: Parallel to roof
- Module orientation: Horizontal or vertical
- Max. wind speed to withstand: On request
- Max. snow pressure to withstand: On request
- Material of main components: Stainless steel 304 & Aluminium 6063T5
- Colour: Silvery white
- Warranty: 10 years

Easy Fixation
- Step 1: Drill a hole from the roof surface all the way to the beam, then fasten the hanger bolt to the hole.
- Step 2: Insert the click-in nut into the slot of the rail and put the rail onto the hanger bolt, then fasten the bolt and nut to fix the rail.
- Step 3: Fix the module on the rail by module clamp with bolt and click-in nut.

Water proofing
Module clamp56
Module clamp40
Aluminum rail56
Aluminum rail40
Hanger bolt with 90 degree bracket
METAL SHEET ROOF PV MOUNTING SYSTEM
--TRAPEZOIDAL

Technical Data
System No.: 400003
Roof type: Trapezoidal roof
Module type: Crystalline module
Installation type: Parallel on roof
Module orientation: Horizontal or vertical
Max. wind speed to withstand: On request
Max. snow pressure to withstand: On request
Other components: Stainless steel 304 & Aluminium 6063T5
Colour: Silvery white
Warranty: 10 years

Easy Fixation
Step 1. Fix the bracket onto the trapezoidal roof with four tapping screws.
Step 2. Fix the rail to the bracket with bolt and nut.
Step 3. Fix the module on the rail by module clamp with bolt and click-in nut.
Step 1. Fix the standing seam clamp to the raised seam of adjacent metal sheets on roof.

Step 2. Use the T-head bolt and flange nut to fix the rail to the clamp.

Step 3. Fix the module on the rail by module clamp with bolt and square nut.

Technical Data
- System No.: 400004
- Roof type: Standing seam roof
- Module type: Crystalline module
- Installation type: Parallel on roof
- Module orientation: Horizontal or vertical
- Max. wind speed to withstand: On request
- Max. snow pressure to withstand: On request
- Material of main components: Stainless steel 304 & Aluminium 6063T5
- Colour: Silvery white
- Warranty: 10 years
Step 1. Fix the triangular supporting frames onto the concrete basement.

Step 2. Fix the rail on to the triangular supporting frames with T-head bolt and flange nut.

Step 3. Fix the module on the rail by module clamp with bolt and square nut.

Technical Data

- **System No.**: 400005
- **Roof type**: Flat roof
- **Module type**: Crystalline module
- **Module orientation**: Horizontal or vertical
- **Installation angle**: On request
- **Max. wind speed to withstand**: On request
- **Max. snow pressure to withstand**: On request
- **Bearing Bar**: Al6063 T6 or Q235B
- **Material of main components**: Stainless steel 304 & Aluminium 6063T5
- **Colour**: Silvery white
- **Warranty**: 10 years
Step 1. Fix the stand pole on the concrete foundation with hex nut.

Step 2. Use the square nut to fix the cross beam onto the sloped beam.

Step 3. Fix the module on the rail by module clamp with bolt and square nut.

OPEN TERRAIN CLIP-ON PV MOUNTING SYSTEM
--CONCRETE FOUNDATION

Technical Data

System No. 400007
Module type Crystalline module
Module arrangement 2 rows in vertical
Installation angle On request
Ground basement Concrete foundation
Load bearing Made on request
Range of module arrangement Length≤50m
Module fixation Standard module clamp
Material of cross beam Q235B galvanized steel
Material of stand pole Q235B galvanized steel
Color Silvery white
Warranty 10 years

Easy Fixation

C - shape steel rail
Module clamp, quick module fixing
stand pole
OPEN TERRAIN CLIP-ON PV MOUNTING SYSTEM
--SCREW PILE FOUNDATION

Technical Data

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<thead>
<tr>
<th>System No.</th>
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<td>Module type</td>
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<td>Module arrangement</td>
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<tr>
<td>Installation angle</td>
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<tr>
<td>Ground basement</td>
<td>Screw pile</td>
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<td>Load bearing</td>
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<td>Range of module arrangement</td>
<td>Lengths≤50m</td>
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<td>Module fixation</td>
<td>Standard module clamp</td>
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<td>Material of cross beam</td>
<td>Q235B galvanized steel</td>
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<tr>
<td>Material of screw pile</td>
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<tr>
<td>Warranty</td>
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Easy Fixation

Step 1. Drill the screw pile into the ground and fix the supporting post of the racks on the screw pile.

Step 2. Fix the C-shaped steel rail to the sloped beam with square nut.

Step 3. Fix the module on the rail by module clamp with bolt and square nut.