Trina mount II

by Trina Solar

FOR PITCHED ROOF

10 YEAR PRODUCT WARRANTY FOR MODULE AND RACKING SYSTEM

4.5X FASTER TO INSTALL

SIMPLIFIED GROUNDING
GROUND BOND CONNECTION
10X BETTER THAN UL MINIMUM CRITERIA

SUITABLE FOR
CORRUGATED METAL

COMBINING PV MODULE EXPERTISE WITH A HIGHLY INNOVATIVE MOUNTING SYSTEM SOLUTION.

Trina Solar is introducing Trina mount — the fastest, easiest and least expensive way to mount PV modules onto residential and commercial rooftops. With a series of drop-in and quarter-turn connections on a specialized module frame, this mounting solution installs up to 5 times faster than conventional mounting systems. Trina mount connects directly to the module frame, eliminating the need for long rails.

By drastically reducing the number of parts, cost of materials and installation time, Trina mount offers the optimal solution for residential and commercial installations.
For pitched roof

**Trinamount II**

**For pitched roof**

**Basic Hardware**

1. **Interlock**
   - The interlock provides north-south and east-west structural and ground bond connections, making it a structurally contiguous array bonded array.
   - UL listed to UL1703.

2. **Hybrid Interlock**
   - The hybrid interlock functions as both interlock and leveling foot for areas where the structural attachment falls at an interlock location.

3. **Big Foot**
   - For corrugated roof applications, the Big Foot provides a means of attachment between the PV array and the mounting surface and allows for easy array height adjustment.

4. **Ground Lug**
   - Provides a point of connection between the PV array and the equipment grounding conductor. UL listed to UL467. One lug grounds up to 72 modules.

5. **Wire Clip**
   - Clips into Groove for ultra-fast and easy management of PV wiring and micro-inverter cables.

**Accessories**

- **Trinamount Tool, Flat Tool**
  - Trinamount Tool: 4 functions, 1 tool.
  - Flat Tool: For inter-module removal.

- **Array Skirt**
  - Enhancing both function and aesthetics, the Array skirt facilitates easy-front-row installation while providing a clean look at the front of the PV array (available in both clear and bronze finish).

**Ordering Information**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>720063</td>
<td>Interlock (Black)</td>
<td>H</td>
</tr>
<tr>
<td>720065</td>
<td>Hybrid Interlock (Black)</td>
<td>H</td>
</tr>
<tr>
<td>720066</td>
<td>Cam Foot</td>
<td>H</td>
</tr>
<tr>
<td>720073</td>
<td>Big Foot</td>
<td>H</td>
</tr>
<tr>
<td>720070</td>
<td>Ground Lug</td>
<td>H</td>
</tr>
<tr>
<td>720071</td>
<td>Wire Clip</td>
<td>H</td>
</tr>
<tr>
<td>720158</td>
<td>Array Skirt, 1663mm</td>
<td>A</td>
</tr>
<tr>
<td>720159</td>
<td>Array Skirt, 2008mm</td>
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<tr>
<td>720081</td>
<td>Trinamount Tool</td>
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<tr>
<td>720082</td>
<td>Flat Tool</td>
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</tbody>
</table>

H = Basic hardware  A = Accessories (sold separately)
COMPATIBLE 60 CELL MODULES

**MODULES**
- TSM-PC05.18
- TSM-PC05A.18
- TSM-PA05.18
- TSM-PA05.15

FOR ELECTRICAL DATA PLEASE REFER TO RESPECTIVE Datasheet of Above Module

**MECHANICAL DATA**
- **Solar cells**: Multicrystalline 156 x 156mm (6 inches)
- **Cell orientation**: 60 cells (6 x 10) 72 cells (6 x 12)
- **Module dimension**: 941 x 1650 x 40mm (37.05 x 41.05 x 1.57 inches) 1956 x 992 x 40mm (77 x 39.05 x 1.57 inches)
- **Weight**: 20.3kg (44.8 lb) 27.6kg (60.8 lb)
- **Glass**: High transparency solar glass (0.13 inches) 4.0mm (0.16 inches)
- **Frame**: Anodized aluminum alloy
- **J-Box**: IP 65 rated
- **Cables / Connector**: Photovoltaic Technology cable 4.0mm² (0.006 inches²), 1100mm (43.3 inches), Original MC4 / H4

COMPATIBLE 72 CELL MODULES

**MODULE**
- TSM-PA14.18

FOR ELECTRICAL DATA PLEASE REFER TO RESPECTIVE Datasheet of Above Module

**MECHANICAL DATA**
- **Solar cells**: Multicrystalline 156 x 156mm (6 inches)
- **Cell orientation**: 72 cells (6 x 12)
- **Module dimension**: 1650 x 992 x 40mm (64.95 x 39.05 x 1.57 inches)
- **Weight**: 20.3kg (44.8 lb)
- **Glass**: High transparency solar glass 3.2mm (0.13 inches)
- **Frame**: Anodized aluminum alloy
- **J-Box**: IP 65 rated
- **Cables / Connector**: Photovoltaic Technology cable 4.0mm² (0.006 inches²), 1100mm (43.3 inches), Original MC4 / H4