Why choose RBI Solar?

- Eliminates need for long rails
- Eliminates attachments for pulins or rafters
- Pre-assembled clamps for quick installation
- Compact packaging reduces shipping costs
- UL 2703 Listed for bonding and grounding
- One-size end and mid clamps fit all commonly used modules which simplifies inventory
- Made in America

Metal Roof Mount Solution | RS-MS

The RBI Solar metal roof solution is a rail-less system that provides a simple, compact, and cost-effective solutions for mounting PV modules to trapezoidal sheet metal roofs 26-gauge or thicker with peaks at least 3/4” wide. Triple-layer protection against leaks ensures the reliability and longevity of this commercial rooftop solution.
**Metal Roof Mount Solution Features**

<table>
<thead>
<tr>
<th>Product Name</th>
<th>MS-HP &amp; HPF</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Profile</strong></td>
<td>![Profile Image]</td>
</tr>
<tr>
<td><strong>Material &amp; Finish</strong></td>
<td>6000 series aluminum (mill finish) with 304 stainless steel fasteners</td>
</tr>
<tr>
<td><strong>Roof Pitch Range</strong></td>
<td>1:12 to 12:12 slopes / 5° to 45° slopes</td>
</tr>
<tr>
<td><strong>Roof Type</strong></td>
<td>Sheet metal roofs 26 gauge (0.018”) or thicker with flat trapezoidal peaks at least 3/4” in width</td>
</tr>
<tr>
<td><strong>Module Type</strong></td>
<td>Any framed module</td>
</tr>
<tr>
<td><strong>Module Orientation</strong></td>
<td>Landscape</td>
</tr>
<tr>
<td><strong>PE Stamps</strong></td>
<td>ASCE 7-05 and 7-10 for multiple states</td>
</tr>
<tr>
<td><strong>Wet Stamps</strong></td>
<td>Project-specific wet stamps available</td>
</tr>
<tr>
<td><strong>End &amp; Mid Clamp Range</strong></td>
<td>One size adjustable end &amp; mid clamp fits modules 30-50mm thick</td>
</tr>
<tr>
<td><strong>Grounding &amp; Bonding</strong></td>
<td>MS-HP: UL 2703 Listed for bonding &amp; grounding</td>
</tr>
<tr>
<td><strong>Fire Compliance</strong></td>
<td>UL1703 Class A fire rating for Type 1 and Type 2 modules on low slope roofs</td>
</tr>
<tr>
<td><strong>Warranty</strong></td>
<td>10 years</td>
</tr>
</tbody>
</table>

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**Contact us at info@rbisolar.com or (513) 242-2051**

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**DESIGN • ENGINEERING • MANUFACTURING**

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**Clamp Base**
- Attaches directly to sheet metal
- Self-sealing EPDM gasket
- High and low profiles available

**Screws**
- Self-piercing/self-tapping threads
- Self-sealing EPDM bonded washer
- ICC tested & approved for application

**End Clamp**
- One clamp fits all framed modules
- Pre-applied anti-seize
- Fully assembled

**Mid Clamp**
- One clamp fits all framed modules
- Pre-applied anti-seize
- Fully assembled

**Module Jumper**
- Eliminates lug requirement for row-to-row bonding

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**Trapezoidal Roof Profile Examples:**

![Trapezoidal Roof Profile Examples Image]