TrinaTracker has developed and patented an innovative module mounting design that reduces both material and installation costs for framed modules.

### FEATURES
- Lightweight, 30% less than short purlin (19’)
- Reduced parts and pieces
- Combined purlin and module attachment hardware
- UL-compliant integrated grounding features
- Load tested to ASTM standards

### BENEFITS
- Module installation independent from tracker assembly
- No hardware during module installation
- Nut driver only tool for module installation
- Minimized man-hours for module installation with a reduction up to 70%

TrinaTracker’s module mounting system is designed for ease of installation by separating tracker assembly skills, hardware, and tools from the module assembly process. The purlin clamp system is pre-assembled on the tracker so modules can be installed with only a nut driver. This result in industry leading efficiency and lowest cost module installation.

### MATERIAL
- Reduced number of parts and pieces
- Minimum steel

### TRACKER ASSEMBLY
- Purlin and clamp assembled in one step
- Clamp pre-assembled to eliminate hardware from module install

### MODULE INSTALLATION
- Nut driver only tool
- Fewest man-hours per MWp

Compared to traditional solutions, the new T-Clamp reduces assembly time of modules by more than 70%. It also lessens the weight of the material by more than 30%.

<table>
<thead>
<tr>
<th></th>
<th>UL Clip / Long Purling</th>
<th>Rivets / Short Purling</th>
<th>T- CLAMP</th>
</tr>
</thead>
<tbody>
<tr>
<td># parts</td>
<td>8</td>
<td>6</td>
<td>5</td>
</tr>
<tr>
<td># pieces</td>
<td>12</td>
<td>10</td>
<td>6</td>
</tr>
<tr>
<td>Total Weight (Kg)</td>
<td>4.5</td>
<td>2.2</td>
<td>1.5</td>
</tr>
<tr>
<td>Man Hours / MWp</td>
<td>380</td>
<td>300</td>
<td>70</td>
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</tbody>
</table>