



Mounting and Grounding With the Zilla® Top Clip

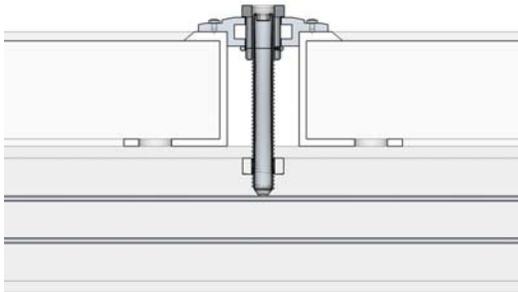
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Integrated Mounting and Grounding

“The drastic reduction in PV module prices has created tremendous pressure to reduce balance of system and labor costs. At Zilla®, we take pride in providing innovative solutions that make these cost reductions possible.”

According to Section 690.43 of the 2011 NEC, all exposed, non-current carrying metal parts of a Photovoltaic (PV) system must be grounded. This has traditionally been achieved through the use of grounding lugs and bare copper wire. These components add material and labor costs that either increase system pricing or cut into installer margins.

Zilla® recognized an opportunity to eliminate additional grounding components by integrating the mounting and grounding operations into a single step. The Zilla® Top Clip easily mounts two panels from the top down minimizing the number of parts and maximizing installer access to the clip. The clip is ETL listed to UL 467 and provides module to module grounding in any system and module to rail grounding with a variety of Zilla® racking systems. The Zilla® Top Clip can even be used exclusively to create a panel to panel bond tested to 650A which means most flush mount installations require only one point of array grounding.



Zilla® Top Clip cross section

Zilla® Top Clip Advantages:

1. Cost Savings

- Secures Two Modules
- Grounds Module to Module
- Grounds Module to Rail
- No Added Bare Cu
- No Added Ground Lugs
- No Added Labor
- Single Point of Grounding

2. Adaptability

- Any Framed Module
- Multiple Grounding Options
- Tested to 650A per Clip

3. Ease of Application

- Mounts from Above
- Standard Hand Tools
- Single Step Secure and Ground
- Reduces Material Inventory

Conclusion:

The Zilla® Top Clip is an innovative product that can be incorporated into many different systems to provide single step panel attachment and grounding.

To learn more about this innovative and effective product, please visit zillarac.com or contact our sales team at 720.880.6700.

Zilla® - So Simple it's ScarySM

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