

Business Stream Products
Renewable and Solar Technology

Attn: Bill Powers
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UL SU 2703 Qualification Testing Completed

Type of Equipment: PV Mounting Clamp
Model Designation: Powers Solar Frames Gator Clip
Test Requirement: UL Subject 2703, Issue 2

TÜV Rheinland File Number: L1-PSF140820(RevB)
TÜV Rheinland Project Number: PSF140820

Dear Mr. Powers,

This letter is confirmation that two design variations of the **Powers Solar Frames Gator Clip PV Module Mounting Clamp** have been successfully evaluated for relevant bonding requirements according to the UL Subject 2703 standard. Both the large and small toothed variations of the Gator Clips are qualified for use on either 14ga or 16ga purlins, using Hot-dipped Galvanized (HDG) clamping hardware identified herein.

Solar Purlin Specifications:

- 14ga Purlin: 0.0680 Steel, ASTM A 653 HSLA GR 70, G90
- 16ga Purlin: 0.0600 Steel, ASTM A 1063 HSLAS GR70/MOD 75, G90

Clamp Hardware Specifications:

- ¼-20 x 1-1/2 Carriage Bolt: ASTM A 307, HDG per ASTM A153/ASTM F2329
- ¼-20 Stover Nut: ASTM A563 Grade A, SAE J995 Grade 2, HDG per ASTM A153, with ¼ inch lock washer, HDG per ASTM A153, or;
- ¼-20 Deformed Thread Locknut: ASTM A563 Grade A, HDG per ASTM A153, which may be used without a lockwasher.

You may use this correspondence as a an interim Letter of Conformance (LOC) indicating that the **Powers Solar Frames Gator Clip PV Module Mounting Clamp** connections identified herein have met the relevant bonding requirements of UL Subject 2703 (Issue 2). Additional evaluations are required to determine if other clamping hardware is suitable for use with the Gator Clip.

Sincerely,



Jack Castagna
Solar Components Program Manager
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