



Certificate of Compliance

Certificate: 80184971 **Master Contract:** 304192
Project: 80222383 **Date Issued:** 2025-02-21
Issued to: SL Rack GmbH
Münchener Str. 1
Haag In Oberbayern, Bavaria 83527
Germany
Attention: Sonja Gehrlicher

The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US or with adjacent indicator 'US' for US only or without either indicator for Canada only.



Issued by: Michael Hoffnagle
Michael Hoffnagle

PRODUCTS

Class 5313 02 POWER SUPPLIES- PHOTOVOLTAICS- - PV Racking

Class 5313 82 POWER SUPPLIES- PHOTOVOLTAICS - PV Racking and clamping systems-Certified to US Standards

Flush Mount is an extruded aluminum rail PV racking system that is installed parallel to the roof in landscape or portrait orientations.

Model(s)

Flush Mount, 001

The system listed is designed to provide bonding/grounding, and mechanical stability for photovoltaic modules. The system is secured to the roof with the various components through the roofing material to building structure. Modules are secured to the racking system with aluminum mid and end clamps. The modules are bonded to the racking system with the bonding mid and end clamps with piercing points. The system is grounded through the rails to the grounding devices. Fire ratings of Class A with Type 1, 2, 22, 29, 30, or 38 for steep slope. Tested at 5" interstitial gap which allows installation at any stand-off height.

The grounding of the system is intended to comply with the latest edition of the National Electrical Code, to include NEC 250 & 690. Local



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codes compliance is required, in addition to national codes. All grounding/bonding connections are to be torqued in accordance with the Installation Manual and the settings used during the certification testing for the current edition of the project report.

UL 2703 Ed.1 and TIL No. A-40 Mechanical Load ratings:

Type 1 or 2 –Module Area up to 27.75 sq ft	
Downward Design Load (lb/ft ²)	16.8
Upward Design Load (lb/ft ²)	16.8
Down-Slope Load (lb/ft ²)	5.0

Type 22, 29, 30 or 38 –Module Area up to 27.55 sq ft	
Downward Design Load (lb/ft ²)	16.8
Upward Design Load (lb/ft ²)	16.8
Down-Slope Load (lb/ft ²)	5.0

Conditions of Acceptability:

Installation is subject to acceptance of the local inspection authorities having jurisdiction. The certification of these products relates only to the methods of installation, bonding, and grounding as outlined in the Installation Manual for each product.

Fast Flat is a PV flat roof system made of galvanized steel and aluminum components that is installed with a 10° tilt in landscape orientation only. There is a south and an east-west facing version, consisting of the same components.

Model(s)
Fast Flat, 01

The system listed is designed to provide bonding/grounding, and mechanical stability for photovoltaic modules. The system is secured to the roof with ballast, individual anchoring to the roof is possible. Modules are secured to the racking system with aluminum end clamps. The modules are bonded to the racking system with the bonding end clamps with piercing points. The system is grounded through the rails to the grounding devices. Fire ratings of Class A with Type 1, 2, 29, or 30 for low slope. Tested at 5" interstitial gap which allows installation at any stand-off height. Tested without a wind deflector which allows installation with or without a wind deflector.

The grounding of the system is intended to comply with the latest edition of the National Electrical Code, to include NEC 250 & 690. Local codes compliance is required, in addition to national codes. All grounding/bonding connections are to be torqued in accordance with the Installation Manual and the settings used during the certification testing for the current edition of the project report.

UL 2703 Ed.1 and TIL No. A-40 Mechanical Load ratings:

Type 1 or 2 –Module Area up to 30.08 sq ft	
Downward Design Load (lb/ft ²)	16.8
Upward Design Load (lb/ft ²)	16.8



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Down-Slope Load (lb/ft ²)	5.0
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Type 29 or 30 –Module Area up to 27.54 sq ft	
Downward Design Load (lb/ft ²)	16.8
Upward Design Load (lb/ft ²)	16.8
Down-Slope Load (lb/ft ²)	5.0

Conditions of Acceptability:

Installation is subject to acceptance of the local inspection authorities having jurisdiction. The certification of these products relates only to the methods of installation, bonding, and grounding as outlined in the Installation Manual for each product.

APPLICABLE REQUIREMENTS

ANSI/UL 2703: 2015 - First Edition- Including revisions through July 11, 2024 - UL Standard for Safety Mounting Systems, Mounting Devices, Clamping/Retention Devices, and Ground Lugs for Use with Flat-Plate Photovoltaic Modules and Panels

CSA TIL NO. A-40 - CSA TIL NO. A-40 - PV Module and Panel Racking Mounting System and Accessories



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Notes:

Products certified under Class(es) C531302, C531382 have been certified under CSA's ISO/IEC 17065 accreditation with the Standards Council of Canada (SCC). www.scc.ca





Supplement to Certificate of Compliance

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*The products listed, including the latest revision described below,
are eligible to be marked in accordance with the referenced Certificate.*

Product Certification History

Project	Date	Description
80222383	2025-02-21	Update report 80184971 for Evaluation, Testing, and Certification of, Flat roof system for Bonding/Grounding, Mechanical Load, and Fire ratings. Update report with evaluation and testing from projects 80222386 and 80222382.
80184971	2024-04-01	Scope: Evaluation, Testing, and Certification of PV racking systems by SL Rack for Bonding/Grounding, Mechanical Load, and Fire ratings.