



# Certificate of Compliance

**Certificate:** 70214420

**Master Contract:** 274725

**Project:** 70214420

**Date Issued:** 2019-05-07

**Issued To:** **Kinetic Solar Racking and Mounting**  
**65 Martin Ross Avenue, Unit 1**  
**Toronto, Ontario, M3J 2L6**  
**Canada**

**Attention:** Henry Reinelt

*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:** *Uday Singh*  
Uday Singh

## PRODUCTS

CLASS - C531302 - POWER SUPPLIES - PHOTOVOLTAICS-PV Racking and clamping systems  
CLASS - C531382 - POWER SUPPLIES - PHOTOVOLTAICS-PV Racking and clamping systems -  
Certified to US Standards

Model: K-Rack

Kinetic K-Rack is an extruded aluminum PV racking system that is installed parallel to the roof in landscape or portrait orientations. The systems listed are designed to provide bonding/grounding, and mechanical stability for photovoltaic modules. The system is secured to the roof with the L-Bracket and various types of mounts. Modules are secured to the racking system with aluminum mid clamps and aluminum end clamps. The modules are bonded to the racking system through the use of the bonding mid clamps utilizing the piercing WEEB-M-KR or SBWK-312 bonding washers.

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.

Mechanical ratings UL 2703:

<b>Downward Design Load (lb/ft<sup>2</sup>)</b>	75.3
<b>Upward Design Load (lb/ft<sup>2</sup>)</b>	33.4
<b>Down-Slope Load (lb/ft<sup>2</sup>)</b>	5.0

LTR-AE-001-2012:

<b>Downward Design Load (lb/ft<sup>2</sup>/Pascal)</b>	112.78/5400
<b>Upward Design Load (lb/ft<sup>2</sup>/Pascal)</b>	33.4/2400

System is not fire rated.

**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**

- UL 2703-1st Edition - Mounting Systems, Mounting Devices, Clamping/Retention Devices, and Ground Lugs for Use with Flat-Plate Photovoltaic Modules and Panels.
- LTR AE-001-2012 - List of Technical Requirements for Photovoltaic Module and Panel racking Systems

**MARKINGS**

The manufacturer is required to apply the following markings:

- Products shall be marked with the markings specified by the particular product standard.
- Products certified for Canada shall have all Caution and Warning markings in both English and French.

Additional bilingual markings not covered by the product standard(s) may be required by the Authorities Having Jurisdiction. It is the responsibility of the manufacturer to provide and apply these additional markings, where applicable, in accordance with the requirements of those authorities.

The products listed are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US (indicating that products have been manufactured to the requirements of both Canadian and U.S. Standards) or with adjacent indicator 'US' for US only or without either indicator for Canada only.

The following markings appear on the End clamp by adhesive label:

1. Submitter’s name and/or CSA Master Contract number “274725”;
2. Model designation;



3. Manufacturing date;
4. System not fire rated;
5. Design load rating/designation of information location in Installation Manual;

**Nameplate adhesive label material :**

Diversified labeling solutions inc. Material SFT 00. File number MH25350.



## *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**

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<b>Project</b>	<b>Date</b>	<b>Description</b>
70214420	2019-05-07	Evaluation, Testing, and Certification of Roof Mount PV Racking System Model K-Rack (c/us)