SolarStrap™
Patented

The SolarStrap™ roof attachment system offers a revolutionary advancement in mounting technology for PV system on flat roofs. The SolarStrap™ requires neither penetrations nor ballasts, while being both easy to install and attractively priced. A proprietary design employs heat welding technology to secure the framework to the roof and allows for rapid installation with minimal tools. The system hardware is also available coupled with design and installation services.

TECHNICAL SPECIFICATIONS

Material	Aluminium, Stainless Steel, Polymer
Array Weight (with panels)	1.4 - 2.0 lbs./s.f.
Wind Loading	150 MPH
Seismic	All classification
Ground Plane	Up to 360 modules
Warranty	20 years material defects

CERTIFICATIONS

UL2703 Certificate of Compliance	20140820 – E356152
LADBS (Structural)	RR No. 26108
UL1703	Class A fire rating Type 1, Type 2, Type 3, Type 29
ICCESR	3839 SolarStrap™ Attachment System CBC, OSHPD, DSA
UL3741	Type 1 and Type 2 modules

COMPLIES WITH

ICC Test Criteria	AC 467*
SEAOC PV-1	Guidance for seismic loading
SEAOC PV-2	Guidance for wind tunnel tested arrays
SEAOC PV-2 and ASCE 7	Wind Tunnel Tested in L.A. City-Approved Test Facility
RWDI Report#	1803163

PERFORMANCE

Tensile Strength	800 - 2,000 lbf.**
Shear Strength	800 - 2,000 lbf.**

*AC 467 is exclusive to SolarStrap™ racking system
**Tensile and Shear Strength - results may vary depending on the type of attachment, roof type, and building substrate.

SolarStrap™ is the Fast, Light Weight Racking Solution for the Highest Quality PV Rooftops.

Features and Benefits

- Minimal or **No Penetrations**
- **Fastest installation** with one tool and few components
- **Lightest overall weight**
- Integrated bonding up to 360 modules per lug
- 0 - 15 degree tilt angles available
- 0 - 15 degree roof pitch accommodated
- Compatible with most modules
- Compatible with most flat roof surfaces - TPO, PVC, EPDM, and Asphalt
- Landscape orientation standard
- Marine grade option available
- Increases roof life span
- Engineering, layout, and installation services available†
- Fast and easy permitting
- Lightweight design reduces loading
- Designed and manufactured in Los Angeles, California, USA

†Engineering may require additional charges.

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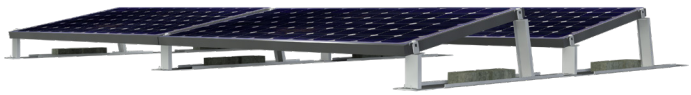
SolarStrap™ Generates up to 60% more Power than other Racking Systems

Non-Penetrating SOLUTION
TPO, PVC, Asphalt

Positive Attachment SOLUTION
Plywood, OSB, Concrete, Metal Deck

Frameless SOLUTION
Non-Penetrating or Positive Attachment

Ballasted SOLUTION
Non-Penetrating or Hybrid System



UL3741 LISTED

PV HAZARD CONTROL
Type 1 and Type 2 modules

SolarStrap™ Roof Attachment System

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