

The SolarDock® Mounting System

▶▶▶▶▶▶▶▶▶▶ Solar Electric Solution

Ontario Domestic
Content Compliant



SunRise Power
Ontario's Leading Solar Manufacturer

 **SOLARDOCK®**



photo courtesy of Carmanah Technologies Corp.



The SolarDock® high angle mounting system revolutionizes the installation of flat-roofed building photovoltaic arrays by dramatically reducing installation labour, lowering overall system costs, and improving system performance.

Features

- ✦ No roof penetrations
- ✦ Meets ASCE 7-98 wind loading criteria for 90 - 120 mph
- ✦ Lowest ballast weight in the industry
- ✦ 30° pitch angle available, customizable in .5 degree increments
- ✦ Quick and easy installation
- ✦ 25 year warranty
- ✦ Fits all 60 and 72 cell modules
- ✦ Mill-Certified aluminum construction
- ✦ CSA certified Integrated Grounding
- ✦ Unrestricted water drainage
- ✦ Sheds snow
- ✦ Easy access to every component
- ✦ Convective ventilation for improved system performance
- ✦ Ballast and wiring hidden and protected
- ✦ Also engineered as anchored low slope steel roof solution
- ✦ Rodent-proof docks
- ✦ UL Listed
- ✦ Made in Ontario

SunRise Power Corp.

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7 Reasons Why SolarDock Is Better...

Leader in Ontario FIT Rooftop Racking Solutions

The combination of engineering support, roof friendliness, high pitch angle, zero snow load impact, un-exposed rodent proof wiring and ease of installation has made SolarDock® the leader in Ontario rooftop installations with over 3 MW installed in 2010.

Engineering Support

Our engineers works closely with your team to insure each SolarDock® system is custom designed for the specific application to meet your roof structural needs. Product training, design assistance and on-site project management are also available. Our new SolarVUQuote design software allows you to quickly and easily design your system from high definition aerial imagery to greatly increase your efficiency in project feasibility and final layout design. SolarDock® systems are fully engineered and come with wet stamped mechanical, ballast and snow load drawings to meet Ontario's wind loading and snow loading standards.

Patented Roof Friendly Mounting System

The SolarDock® patented mounting system eliminates the need for roof penetrating anchoring devices, a common obstacle to installing a solar PV system. SolarDock®'s extruded polystyrene foam footprint is the largest in the industry providing the lowest roofing membrane point load and insuring compatibility with most roofing systems including TPO, EPDM, rock ballast, tar & gravel and others to preserve your roof warranty and ensure a full life for your roof.

Highest Angle and Lowest Weight

Due to SolarDock®'s patented enclosed design, wind uplift forces are greatly reduced which results in the lowest ballast weight and highest pitch angle in the industry. With capability for custom mounts of 0.5 degree increments up to 30 degrees, SolarDock® mounting system can be custom designed to fit any project requirements.

State-of-the-art Technology

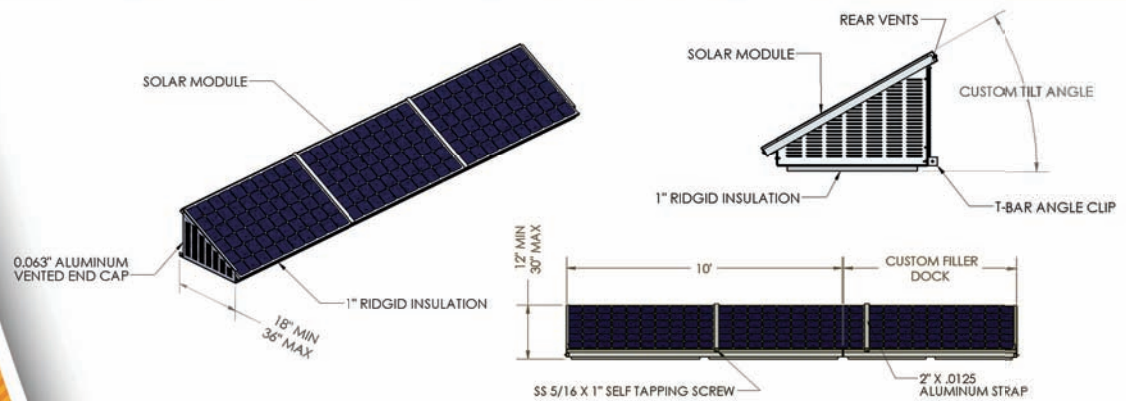
SolarDock® systems are manufactured to CNC and robotic tolerances which provide for accurate and repeatable installations. The SolarDock® design creates a clean and professional installation, with crisp aligned rows and no exposed wiring.

Ease of Installation

The SolarDock® patented design is hands down the easiest and quickest racking system to install. With large lightweight 10 foot sections requiring only a few fasteners each, small focused teams can install up to 50kW per day, making SolarDock® one of the most cost effective racking solutions in the industry.

Maintenance Free 25 yr. Warranty

Our high angled mounting system minimizes soiling and allows rain to clean the modules, sheds snow efficiently during winter months and reduces heat build-up through front, side and rear ventilation. Since SolarDock® systems have no moving parts, no exposed wiring and are constructed of high quality aluminum they are virtually maintenance free and come with a 25 year warranty.



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