

# Solar MOUNTING TRACKING & Systems

## AllEarth Renewables

The AllEarth solar tracker is a grid-tied, dual-axis solar electric system that uses GPS technology to follow the sun, producing up to 45 percent more energy than fixed systems, says the company. With an industry-leading 10-year warranty and 120 mph wind rating, the tracker is designed for both residential and commercial installations.

[www.alleearthrenewables.com](http://www.alleearthrenewables.com)



## Array Technologies

The DuraTrack HZ v3 from Array Technologies is said to offer revolutionary features, including a single-bolt per module clamp and flexibly linked architecture. The single-axis tracker delivers a variety of efficiencies, allowing for quick installation, zero scheduled maintenance, and industry-leading uptime to deliver the best leveled cost of electricity (LCOE), says the company.

[www.arraytechinc.com](http://www.arraytechinc.com)



## Ecolibrium Solar

Ecolibrium Solar's new EcoFoot5D High Density 5-Degree Racking System delivers 18.4 percent more power in a tightly packed array, says the company. It offers maximized flat-roof power density with a small 7" x 16.7" base and dense 9.9" inter-row spacing. For 10-degree installs, industry-preferred EcoFoot2+ Ballasted Racking provides impressive installation speed with a DNV-GL-rated install time of 13.5 modules per installer-hour, says the company.

[www.EcolibriumSolar.com](http://www.EcolibriumSolar.com)



## GameChange Solar

GameChange Solar trackers increase leveraged ROE up to 20 percent for solar project owners, says the company, and their shorter north-south rows use less space than leading competitors, extra space that can be used to increase row spacing, which results in higher kwh production and ROE.



The pre-assembled drive system and easily assembled components combine to make for fast installs. The products offer high power density, with 99.5 percent panel density on rows. The trackers are very reliable, says the company, with rugged design for 30-year field life in harsh environmental climates.

[www.gamechangesolar.com](http://www.gamechangesolar.com)

## General Specialties

General Specialties LLC began manufacturing solar mounts in 1993. In 2014, General Specialties Manufacturing was launched under new ownership. By using quality material, workmanship, and design, the company's solar mounts are said to be extremely durable and can withstand fierce winds and heavy snow. The product line contains mounting systems for roof, ground, wall, side of pole, and top of pole, as well as custom orders. All mounts are manufactured in the U.S.

[www.generalspecialtiesmfg.com](http://www.generalspecialtiesmfg.com)



## IronRidge

The UFO (Universal Fastening Object) from IronRidge is a one-size-fits-all, single-piece fastener that quickly and securely bonds solar modules to XR Rails. It comes lubricated and assembled, with a sleek, low-profile design. Simply snapping on a Stopper Sleeve transforms the UFO into an end clamp.

The UFO is part of the IronRidge Integrated Grounding System, which is listed to UL 2703 and eliminates the need for separate grounding hardware.

[www.ironridge.com](http://www.ironridge.com)



## Magerack Corporation

Magerack's MageMount is a rail-less solar mounting system with separate roof attachments and interlocking module connectors, without using any rails and clamps. It provides a complete solar mounting solution with roof attachments, for all types of roofs, at lower cost

and reduced installation time with familiar and fewer components, says the company.

[www.magerack.com](http://www.magerack.com)



## Patriot Solar Group

Patriot Solar Group's Solar Carport is able to accommodate virtually any solar panel style and manufacturer, and is comprised of all-galvanized steel to protect it from corrosion. The purlin rail design allows installers to mount panels from underneath the structure, resulting in a major reduction in installation time and effort, says the company.

[www.PatriotSolarGroup.com](http://www.PatriotSolarGroup.com)



## Quick Mount PV

The company's fastest mount just got faster, says Quick Mount PV. The company has engineered its patented Elevated Water Seal Technology into an integrated L-foot and flashing for cost-effective, fast, single-bolt installation with unparalleled waterproofing for comp/asphalt shingle roofs, it says. It comes in single- and double-slot options for maximum versatility.

[www.quickmountpv.com](http://www.quickmountpv.com)

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## RBI Solar

RBI Solar is a leading single-source provider of solar racking solutions in the marketplace. More than 85 years of experience in the commercial design-build industry are applied to the design, engineering, manufacturing, and installation of each site-specific solar racking solution. With a focus on demonstrating value throughout the solar value chain, RBI aims to deliver the most cost-effective and efficient racking structures in the industry, says the company.

[www.rbisolar.com](http://www.rbisolar.com)



## Roof Tech

Roof Tech's compact and versatile rail-less PV mounting system with integrated flashing, RT-[E] Mount Air is fastened to rafters or anywhere else on roof decking (7/16" OSB minimum). It comes complete with watertight and durable RT Butyl flashing. Power electronics mounting is available, as are P.E. stamped certification letters, UL 2703, ICC ESR-3575 (flexible flashing), and ASTM 2140 certifications.

[www.roof-tech.us](http://www.roof-tech.us)



## SnapNrack

SnapNrack RL is said to be among the newest innovations in residential solar mounting, providing fast installation. It's designed to achieve the lowest possible installed cost without compromising performance, quality, or aesthetics, says the company. Simple as A-B-C, RL requires four components for complete assembly with A Mounts, B Mounts, C Links, and Flash Tracks.

[www.snapnrack.com](http://www.snapnrack.com)



## Schletter

Schletter's Park@Sol offers a lightweight, aluminum system that is maintenance-free, cost-competitive, and provides excellent aesthetics, says the company.

Park@Sol was installed at Michigan State University (MSU) as part of Inovateus' 14-MW solar carport project spanning five parking lots and 700,000 square feet on the East Lansing campus. Canopies stand 14 feet tall at the lowest point to provide enough room for recreational vehicles to park during football season. Upon completion, the carport project is expected to generate 15,000 megawatt-hours of electricity annually for MSU, and projections show that MSU could save \$10 million in electricity costs over the next 25 years.

[www.schletter.us/carport](http://www.schletter.us/carport)



## SolarRoofHook

The patented low profile QuickBOLT from SolarRoofHook is UL certified. It is the industry's first mounting system for asphalt shingle roofs that utilizes microflashing technology, says the company. The EPDM washer is compressed by the collar on the bolt to create a 100 percent watertight seal. It mounts directly over shingles, and can be installed in less than one minute, according to the company.

[www.solarroofhook.com](http://www.solarroofhook.com)



## Soltec

Soltec's SF7 single-axis solar tracker is a mature standard product that enables cost-effective installation



and operation. SF7 enables greater yield density with complete tracker module-fill and greater site-fill options. SF7 is manufactured by Soltec, a leading supplier of PV tracking equipment in large-scale projects with 2.5 GW annual manufacturing capacity. [www.soltec.com](http://www.soltec.com)

## Sun Action Trackers

Sun Action Trackers manufactures a full line of solar tracking and racking systems for the utility, C&I and residential markets. The PST-1AX6 single-axis tracker and PST-2AL dual-axis tracker both utilize Sun Action's patented Real-Time Sensing (RTS) technology, which improves array output. In addition, Sun Action utilizes MAC Steel, a self-healing product that reduces corrosion. [www.sat-energy.com](http://www.sat-energy.com)



## SunLink

SunLink's TechTrack is said to be among the most technologically advanced single-axis trackers on the market, offering site flexibility and maximum energy generation. Its unique dynamic stabilization feature reacts intelligently to real-time environmental conditions, and its proprietary virtual pivot enables accurate tracking and faster installs. TechTrack is available in Standard, Pro, and Cold Weather packages. [www.sunlink.com](http://www.sunlink.com)



## TerraGen

TerraGen Solar says it is a cost-effective, value added solar PV mounting system provider with a focus on detailed engineering, creating construction efficiencies, and lean manufacturing. Whether a project requires an elevated truss design, any type of pitched roof, or any type of flat roof, TerraGen has the experience to ensure the mounting system is designed to meet the project

timeline and the racking budget, says the company. [www.terragensolar.ca](http://www.terragensolar.ca)



## TerraSmart

TerraSmart's single axis tracker foundation solution is said to increase installation velocity to hold project schedules and eliminate change orders associated with refusals.

Additionally, TerraSmart's advanced installation equipment and unique design features incorporated into the tracker interface eliminate many of the complications encountered with pile foundations and improve the overall project experience on difficult sites, says the company. [www.TerraSmart.com](http://www.TerraSmart.com)



## Unirac

Unirac's SOLARMOUNT is said to be the professionals' choice for residential PV mounting applications.

SOLARMOUNT is a complete solution, and the company says every aspect of the system is designed for an easier, faster installation experience, including revolutionary universal clamps, FLASHKIT Pro attachments, full system UL 2703 certification, optional front trim, and a 25-year full system warranty. [www.unirac.com](http://www.unirac.com)

