

Solar MOUNTING & TRACKING Equipment

EcoFasten

EcoFasten products include the RockIt, the best in class rail-less mounting system for pitched roof applications; FlatFix, the fast and simple ballasted flat-roof system with over 2 GW installed; and ClickFit, the click-and-go system for tile, composition shingle, and metal roofs. www.ecofastensolar.com



GameChange Solar

GameChange Solar manufactures fixed-tilt and tracker solar racking systems that feature advanced design innovations and pre-assembled components that contribute to fast installation. The pre-assembled drive arm can be lifted by one worker, with no machine required, and is said to be 50 percent faster than competing systems.

The SpeedClamp system allows mounting of modules with no mounting hardware, speeding module installation by up to 200 percent, says the company.

The company's products allow for higher module density—increased row spacing means more time facing the sun and less time running from the shade, adding up to five percent more power production.



The WeatherSmart proprietary algorithm optimizes tilt angle based on weather data to maximize power production, adding up to 1.25 percent additional power production.

www.gamechangesolar.com

General Specialties Manufacturing

All types of General Specialties Manufacturing mounts (top of pole, side of pole, roof, ground, and wall) are manufactured in the U.S. The infrastructure of the mounts differs from other manufacturers in that each design can accommodate a variety of PV panel brands.

The welds are strong and professional, edges are clean and deburred, metal parts are substantial and robust, and bolt holes line up the way they should, says the company. The mounts are characterized by heavy-duty construction and ease of assembly, and they are easy to adjust for seasonal tilt. In addition to featuring a quality product, efficient, timely, and thorough service is a top priority for the company.

www.generalspecialtiesmfg.com



Magerack

Magerack provides complete solar mounting solutions from rail/clamps to roof attachments on residential and commercial rooftops. They are reliable, easy-to-install and cost-effective with UL 2703 certified, Class A fire rating and integrated bonding and grounding. The latest products are MageClamp and MageBracket for standing seam, corrugated, and R-panel metal roofs.

www.magerack.com



Preformed Line Products

Preformed Line Products' (PLP) POWER RAIL Commercial Mounting System is designed with the professional PV solar installer in mind. The system utilizes a single tool assembly and PLP's patented RAD Lock-in-Place bolt for fast and secure module clamping. POWER RAIL offers an easy-to-install and high-strength commercial roof mount solution, says the company. www.preformed.com



QuickBOLT

QuickBOLT is home to the world's first and only UL-certified microflashing, according to the company. The Low Profile QuickBOLT with microflashing cuts down installation time by one-third and is installed without lifting shingles or removing nails. With 600,000 QuickBOLT systems sold and zero leaks reported, microflashing is the future of solar, says the company. www.quickbolt.com



RBI Solar

What if you could maximize the ground-coverage ratio (GCR) on your next project and not have to worry about the complicated variables that come with a tracker system? With a low tilt and clearance design, RBI Solar's Dahlia is specifically designed to maximize PV coverage, creating the best financial return for project owners, says the company. www.rbisolar.com



Soltec

Soltec is a leading manufacturer and supplier of single-axis solar trackers. The company's key product is the SF7



bifacial tracker. Bifacial modules collect energy on both the front and rear sides, capturing reflected irradiance from the ground surface. Depending on site conditions, bifacial yield-gain can reach up to 19.2 percent under high albedo.

www.soltec.com

TerraGen Solar

TerraGen's TGR system is a premium rail-based mounting structure. It allows for efficient installations and PV design flexibility with customizable tilt angles and row spacing. TGR can overcome building structural challenges (global loading below 2.3 psf), integrating mechanical attachments, or can be installed as an elevated mount. www.terragen.ca



TerraSmart

TerraSmart's new TerraGlide racking system is the culmination of nine years of experience in engineering, manufacturing, and construction, says the company. This results in TerraGlide being the most economical racking system in TerraSmart's fixed-tilt ground mount racking portfolio. The racking components and connections result in increased installation efficiency, reduced labor hours in the field, and savings in material costs, according to TerraSmart. www.TerraSmart.com



Unirac

Unirac helps customers take their business to the next level with SFM Infinity, Unirac's PV mounting system for flush mount installations. SFM Infinity optimizes operations, with approximately 40 percent less labor, 30 percent logistics savings, and 20 percent fewer roof attachments than traditional racking, says the company. Homeowners prefer SFM Infinity's aesthetics, and it is backed by Unirac's industry-leading 25-year full system warranty. www.unirac.com

