

SOLAR TECHNOLOGY SYSTEMS, INC.

PO Box 0843, Hollywood, FL 33022 TeleFax: 530.380.9197

Email: manager@solartechsystems.com Web: www.solartechsystems.com

The Sunplicity Flat Roof Mounting System

Installation is Sunplicity itself.



Bright ideas. Brilliant technology.

Welcome to the Sunplicity™ Flat Roof Mounting System from Evergreen Solar

The simple solution for PV installations on commercial, industrial and institutional buildings



52kW Sunplicity installation, Newburyport, MA



Sunplicity is a **non-penetrating mounting system** designed for mounting Evergreen EC-100 series modules on flat roofs of 5-degree pitch or less. Held in place by its own weight and an aerodynamic cowling system, the Sunplicity system means fast, cost effective installation—allowing you to get the job done more efficiently and cost effectively than ever before.

Sunplicity's **breakthrough grounding system** means electrical hook-up is easier, too. The system's metal frame matrix provides an electrically continuous grounding path, making it possible to ground modules very quickly.

Made of **long lasting and environmentally sound** materials—aluminum, steel and recycled rubber—the Sunplicity system is built with a 25-year design life. It adds less than 5 lbs./sq. ft. to the structural load, making it ideal for most flat roof installations.

Sunplicity **stands up to wind and weather.**

A breeze to install, the system can handle much more than a breeze: Sunplicity is rated for wind speeds as high as 130 MPH, depending on project-specific conditions.

The mounting system design also eliminates pooling of water and is self-cooling to improve efficiency and maximize electrical output.



Bright ideas. Brilliant technology.

INSTALLATION IS SUNPLICITY ITSELF.

Here's what some of our installers say:

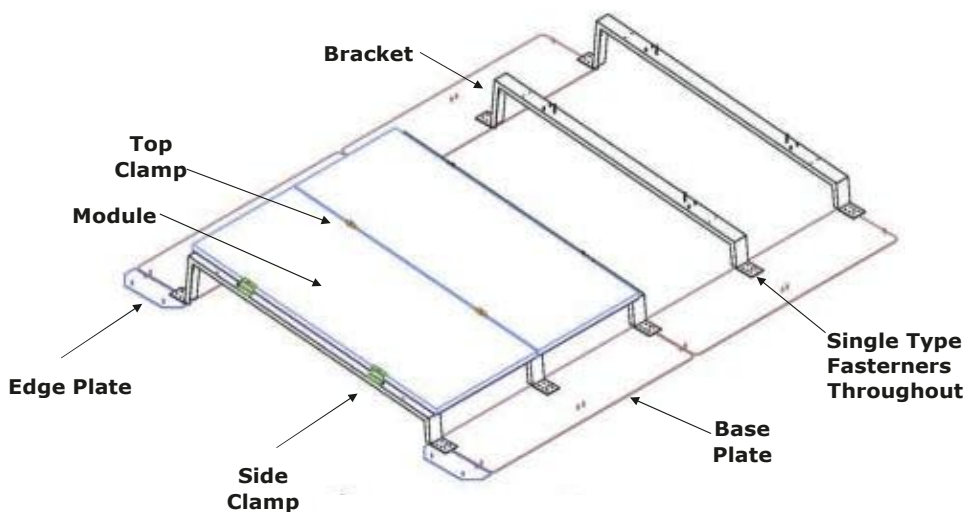
"Our goal of 'drop and go' mechanical installation has been realized."

"We like the fact that one person can install the modules."

"The mounting system design and five-degree panel tilt allows for easy wiring access and roof-surface inspection."

"We found it easy to access a single panel anywhere in the array."

All these factors are significant advantages over existing products.



Features and benefits:

- Non-penetrating system
- Good for large and small flat roof projects
- Designed for Evergreen EC-100 series modules
- Windproof up to 130 MPH (depends on project-specific factors)
- 25-year design life
- Self-ballasting, aerodynamic
- Fast, cost-effective installation (self templating, no screws)
- Simplified grounding (less than 1-minute/module)
- 5 degree panel tilt (self cleaning)
- Self cooling (improves efficiency)

Up to 87 percent roof area coverage (maximizes installed power)

- Adds less than 5 lbs./sq. ft. load to roof (good for most commercial roofs)
- Low point pressure (preserves roof warranty)
- Materials: aluminum, steel, recycled rubber (long lasting, environmentally sound)
- Snow load tested to over 90 lbs./sq. ft. (good for most snow regions)
- Good for roof surfaces up to 5 degree pitch (handles most flat roofs)
- Complete documentation and application support tools (simplifies applications engineering and electrical and building inspections)

INSTALLATION IS SUNPLICITY ITSELF.

Evergreen Solar is a **fully integrated, independent** PV (photovoltaic, solar electric) manufacturer.

Producing our own wafers, cells and modules assures that the highest quality components go into every one of our products. And since they're made with **String Ribbon™** technology, our panels take advantage of one of the **fastest-growing, most environmentally friendly** manufacturing processes available in the world.

The Sunplicity Flat Roof Mounting System has been especially designed to work with Evergreen Solar EC-100 Series modules. Sunplicity makes it easier, more efficient and more cost effective than ever to put a PV system on a commercial, industrial or institutional building.

Our roots are in solar and our growth is in the sun. Solar is our only business. Our commitment to the environment is matched only by our commitment to our customers. If, like us, you want the best in solar, go with the pure choice. Call or visit our website to learn more.

