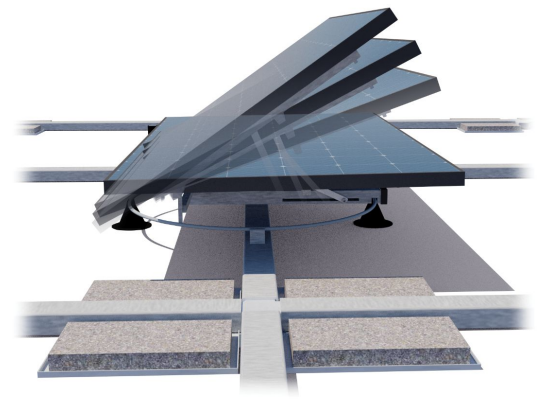




PV Booster™ Commercial Rooftop Solar Tracker

PV Booster is the only dual-axis solar tracker designed and built for the commercial and industrial rooftop sector. The well-known benefits of solar tracking can now be enjoyed by commercial and industrial rooftop customers and yield 20% better solar rooftop economics.



Revolutionary Rooftop Performance

Solar tracker continuously points commercial rooftop PV modules at the sun to generate more energy than conventional fixed-tilt racking. Generates 30% more energy.

Easy to Install

Modular, non-penetrating, interlocking system minimizes bolts for easy installation even in varying roof conditions. Integrated wire management system reduces connections.

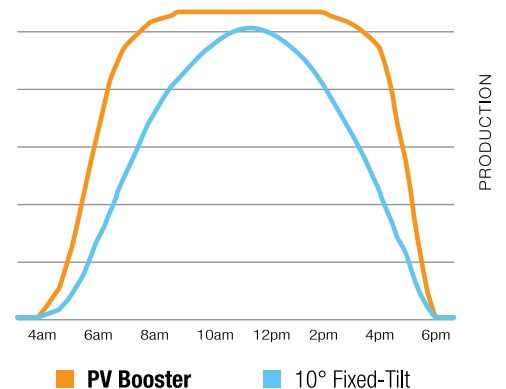
Built for Reliability and Low O&M

Low voltage DC direct-drive, brushless motor with 30 year life. High reliability as design eliminates gearbox. Durable mechanical system made of aluminum and stainless steel for long life.

Engineered for Safety

Proprietary design allows 45° module inclination yet automatically stows panels in high wind conditions to a profile lower than 10° fixed-tilt racks.

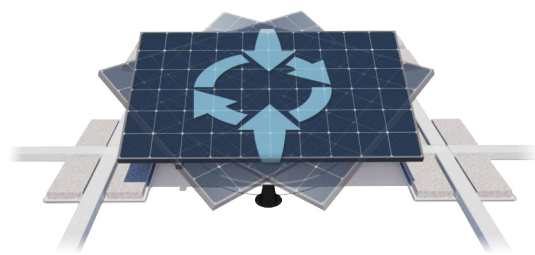
PV Booster Generates 30% More kWhr/Year Than Conventional Fixed-Tilt Systems



Source: NREL PVWatts® and Edisun Microgrids, Inc.



Energy Gain	30% typical vs. 10° fixed-tilt
Tracking System	Dual-axis azimuth-altitude, inclination to 45°, stows flat
Tracking	Each module independently tracked via sensor
Modules	Compatible with all 60 cell panels
Drive System	Enclosed low voltage brushless DC motor without gearbox
Grounding	Once per array
Materials	Aluminum and stainless steel with pre-attached rubber mats
Dimensions	Stowed 1,270mm W x 1,170mm D x 254mm H
System Weight	2 lbs. per square foot without ballast
Wind Performance	ASCE 7-10 and SEAOC PV2 compliant with ballast
Anchoring Requirement	Non-penetrating – local codes may apply
Ground Coverage Ratio	Adjustable to site conditions and shading optimization, generally .35 to .50
Site Requirements	Typical commercial roofs with building height < 35 feet
Roof Pitch Tolerance	Up to 5°
Control & SCADA Interface	Central control with IP access – SCADA compatible
Certifications	Meets UL specs – certification pending
Annual Maintenance	Minimal preventative maintenance
Warranty	10 year with extended warranty available



The PV Booster technology was developed by Edisun Microgrids, Inc. and is the brainchild of Bill Gross, founder of renowned technology incubator, Idealab. Bill has founded many innovative companies including several in solar energy such as eSolar®, RayTracker™, Thermata™, and EI Solutions™. With its patented technology, Edisun Microgrids is poised to fulfill the commercial industry’s unmet need for solar energy.

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