



PV Booster™ Commercial Rooftop Solar Tracker

PV Booster is the industry's only rooftop solar tracker. The well-known benefits of tracking the sun are now boosting returns for commercial and industrial rooftop customers.



Easy to Install

PV Booster is plug and play and lays out as fast as a fixed tilt installation. Each PV Booster is secured to the roof using manufacturer recommended methods, we'll help find the right one for your roof.

Revolutionary Performance

Generate 30% more energy than your competitors by using the PVBooster tracking software to maximize electricity production.

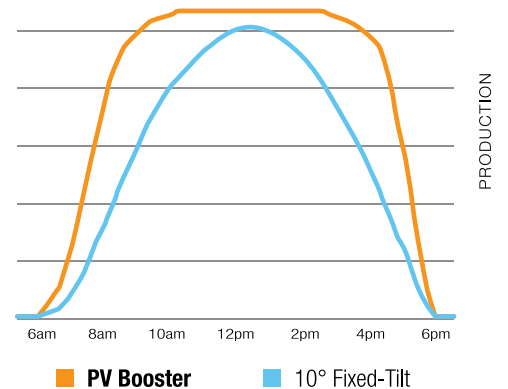
Built for Reliability and Low O&M

Operates using a low voltage DC direct-drive, brushless motor with 30 year life. Much higher reliability than gearbox. Durable aluminum and stainless steel system means a long life.

Engineered for Safety

Proprietary design allows tracker to move freely and stow during high winds to protect your investment in solar.

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



Source: NREL PVWatts® and Edison Microgrids, Inc.



Energy Gain	30% typical vs. 10° fixed-tilt
Tracking System	Dual-axis azimuth-altitude, inclination to 45°, stows flat
Tracking	Each module tracked independently
Modules	Compatible with all 60 and 72 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 compliant
Anchoring Requirement	Ballasted or Mechanical Attachment - 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 E.I. Solutions™. With its patented technology, Edisun Microgrids is poised to fulfill the commercial industry’s unmet need for solar energy.

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