



Energize your bottom line

Large utility companies use tracking to increase their return on investment. You can also take advantage of solar tracking with the new AccuTrak HZSR, packing the field proven technology into an even more flexible, compact, single-row solution.

Wattsun Solar Trackers

Wattsun Solar Trackers is one of the oldest, most prominent manufacturers of high quality, cost effective and robust solar trackers for a wide customer range. Our customers include homeowners, utilities, businesses and schools. Headquartered in Fairfield, NJ, we strive to provide great customer service and top quality tracking experience.



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STURDY AND RELIABLE

The AccuTrak HZSR is built out of proven long-lasting utility-grade components. Structural materials include galvanized steel and anodized aluminum for a robust solution that is easy to install. The HZSR design is rated to 90mph wind loading.

FAST AND EASY TO INSTALL

A universal mounting system accommodates almost any type of module and pre-assembled AccuTrak high-speed mounting clamps make installation fast. The low-profile AccuTrak HZSR eliminates the need for ladders or cranes, and requires only commonly available materials and tools for its installation.

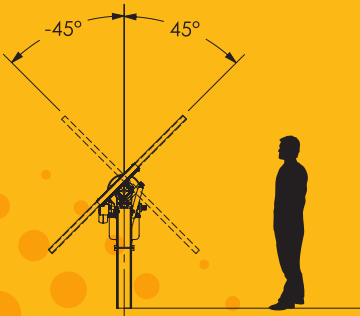
FLEXIBLE SYSTEM

Utilizing a single gear drive per row without driveline linkage to connect rows, the HZSR boasts flexibility comparable to most fixed-tilt systems. Put together multiple AccuTrak HZSR trackers laid out in long or short rows to fit your property's shape. This single-axis horizontal tracker has a low profile that reduces row to row shading.

LOW MAINTENANCE

The dry-slide bearings require no lubrication. The heavy duty gear motor requires greasing only once every two years. Just clean your modules regularly to maximize your energy production.

AccuTrak HZSR



ACCUTRAK HZSR

Get up to 25% more power from your PV system by using the AccuTrak HZSR. This large-scale single-axis tracker uses a single gear drive to track from East to West, following the sun from sunrise to sunset.

- 12kW + capacity
- Accommodates up to 48 standard 60-cell modules
- Single axis East to West tracking, 45° to 45°
- Proven heavy duty gear drive
- Patented light-sensing technology

STRUCTURAL & MECHANICAL SPECIFICATIONS

SYSTEM INSTALLATION AND SPECIFICATIONS

Racking/Tracking Type	Horizontal Single Axis Tracker
Tracking range East – West	45° – 45°
Tracking range North – South	Fixed
Energy Gain vs. Fixed-Tilt Rack	Up to 25%, site specific
Module Configuration	24 – 48 single standard 60 cell modules in portrait
Modules Supported	Most commercially available
Module Attachment	AccuTrak high-speed mounting clamps
Motion East – West	Heavy Duty Gear Drive, 24 VDC Nominal
Motion North – South	None
Solar Tracking Method and Controls	Closed Loop Optical with Proprietary Control
Tracking Accuracy	+/- 2° standard, field adjustable
Night Time Return	Yes
Allowable Wind Load	IBC 90 MPH, 3-second gust exposure C

INSTALLATION

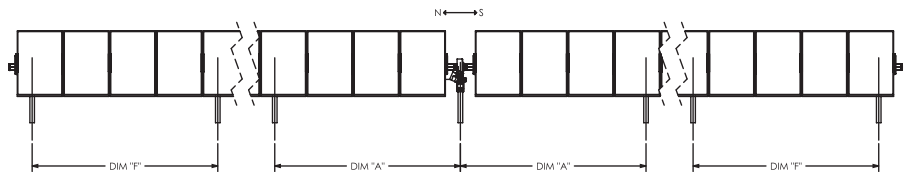
Materials	Corrosion resistant high-strength steel and anodized aluminum
Installation on (no welding required)	6 – 12 x W6x9 I-beams 1 x W6x15 I-beam

TYPICAL DIMENSIONS (based on standard 60 cell module)

North – South	Depends on panel size
East – West	83' – 163.4' length
Height	4' – 5' poles plus half of panel height

MAINTENANCE AND GENERAL INFORMATION

Required Maintenance	Grease gear drives once every two years
Warranty	2 year, parts only



Dimensions are module-specific. Please contact Wattsun for more details.

Talk to your local Wattsun installer for help designing a PV system that will maximize your power output and fit your needs.