



 **DuraTrack™ AZ**
SOLAR TRACKERS



ARRAY TECHNOLOGIES

is the leading manufacturer of active solar tracking systems in the world, with all products manufactured in the USA. Utilities, corporations, small businesses, and homeowners all rely on Array's cost-effective, reliable and robust solar tracking and racking systems. For many years, Array's renowned residential products were marketed under the Wattsun brand name. The tradition of excellence continues as the Wattsun products are integrated into Array's DuraTrack and DuraRack product lines.

Visit arraytechinc.com for more information and a list of installers.

Array Technologies Inc.

- A** 3901 Midway Place NE
Albuquerque, NM 87109 USA
- T** +1 505.881.7567
+1 855.TRACKPV (872.2578)
- F** +1 505.881.7572
- E** residentialsales@arraytechinc.com
- W** arraytechinc.com

More power to the people

Gain up to 33% more power from your PV system by using the DuraTrack™ AZ*. This single-axis azimuth tracker follows the sun from East to West throughout the day while holding a constant southern-facing tilt for increased annual power production. The DuraTrack AZ boasts a high racking capacity of over 4kW per tracker.

STURDY AND RELIABLE

The DuraTrack AZ is built of long-lasting components, including powder-coated steel and anodized aluminum material. A robust design based on an intelligent gear-drive system makes it stable in the wind. This single-pole tracker gives you the flexibility to position it lower to the ground and reduce wind loading even further. After more than two decades of use, DuraTrack azimuth trackers have been proven to stand up to high winds and harsh environments while providing maximum efficiency.

FAST AND EASY TO INSTALL

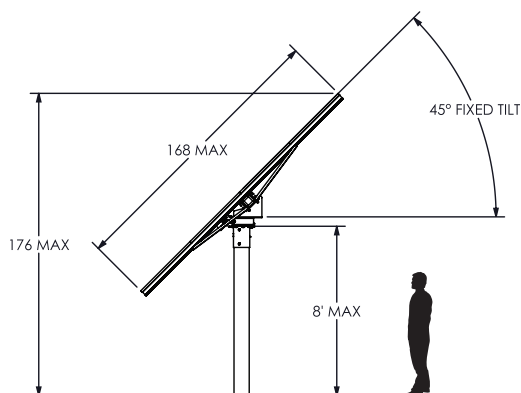
Quickly install more than 4kW utilizing this high-capacity azimuth solar tracker. Our universal mounting system accommodates almost any module and a pre-mounted, programmed tracker controller all add up to one quick installation. Only commonly available materials are required for the foundation and single pole.

LOW MAINTENANCE

Just lubricate the drive once a year and clean off your modules as needed to continue harvesting maximum solar power from your system far into the future.

(*Annual average compared to fixed rack installation.)

DuraTrack™ AZ SOLAR TRACKERS



DURATRACK™ AZ

Large utility companies use solar tracking to increase their return on investment. You can also take advantage of Array's patented light-sensing technology to economically maximize your power.

- 4kW+ capacity
- Accommodates up to 16 standard 60-cell modules
- Single-axis tracking is an integral part of the design
- Azimuth gear drive
- Patented light-sensing technology

STRUCTURAL & MECHANICAL SPECIFICATIONS

System Installation and Specifications

Racking/Tracking Type	Single Axis Tracker
Tracking range East – West	+/- 120°
Array Tilt	Fixed at 45°
Energy Gain vs. Fixed-Tilt Rack	33%, site specific
Module Configuration	16 standard 60 cell modules in landscape
Modules Supported	Most commercially available
Module Attachment	Proprietary extrusion with standard mounting bolts
Motion East – West	Gear drive 24 VDC Nominal
Solar Tracking Method and Controls	Closed loop optical with proprietary control
Tracking Accuracy	Plus or minus 2° standard, field adjustable
Night Time Return	Yes
Allowable Wind Load	IBC 90 MPH, 3 – second gust exposure C

Installation

Materials	Powder coated high-strength steel and anodized aluminum, Corrosion resistant version optional
Installation on (no welding required)	1 x 8" ID SCH80 steel pipe

Typical Dimensions

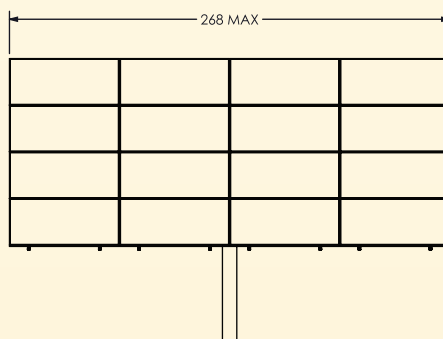
(based on standard 60 cell module)

East – West	22 1/3'
North – South	14' max
Height	14 2/3' (pole height up to 8')

Maintenance and General Information

Required Maintenance	Drive lubrication every year, regular cleaning of modules recommended
Warranty	10 year Limited Warranty
Made in the USA	Yes, with U.S. and imported parts

DuraTrack and DuraRack are trademarks of Array Technologies, Inc.



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