



## A compact, highly efficient PV power plant

Get up to 40% more power from your PV system by using the DuraTrack DA\*. Dual axis tracking, which continually positions your modules so they're always facing the sun, dramatically increases your power production compared to fixed racks.

### ARRAY TECHNOLOGIES

Solar industry pioneer Array Technologies, Inc. (ATI) is the leading manufacturer of innovative, cost-effective, reliable and robust solar tracking systems. Our customers include utilities, corporations, small businesses, and homeowners. Headquartered in Albuquerque, NM for over 25 years with multiple gigawatts of product delivered around the world, ATI provides its customers with unequaled solar tracking expertise.

Visit [arraytechinc.com/residential](http://arraytechinc.com/residential) for more information and a list of dealers and 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](mailto:residentialsales@arraytechinc.com)
- W** [arraytechinc.com](http://arraytechinc.com)

### FAST AND EASY TO INSTALL

A universal mounting system that accommodates almost any type of module and a pre-mounted, programmed tracker controller add up to one quick installation. The DuraTrack DA is a compact system that requires no roof penetrations. Only commonly available materials are required for its foundation and single pole.

### STURDY AND RELIABLE

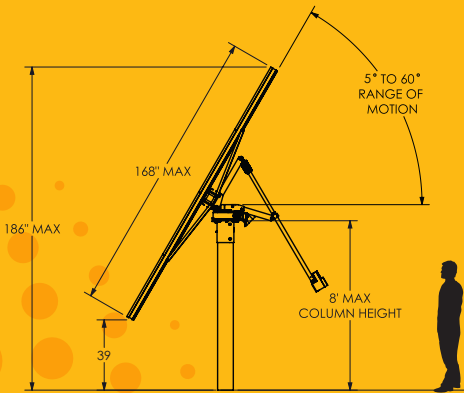
The DuraTrack DA is built to last of powder-coated steel and anodized aluminum components. A robust gear-driven design makes it stable in the wind. The tracker is meant to be pole mounted, giving you the flexibility to position it lower to the ground to reduce wind loading even further. After more than two decades of use, DuraTrack DA trackers have been proven to stand up to high winds and harsh environments while providing maximum efficiency.

### 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 panels that are not seasonally adjustable and depending on latitude.)

# DuraTrack DA



## DURATRACK DA

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.

- 3-4kW capacity
- Accommodates up to 12 standard 60-cell modules
- Dual-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	Dual Axis Tracker
Tracking range East – West	120° – 120°
Tracking range North – South	5° to 60°
Energy Gain vs. Fixed-Tilt Rack	Up to 40%, site specific
Module Configuration	9 – 12 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
Motion North – South	Heavy Duty Linear Actuator, 24 VDC Nominal
Solar Tracking Method and Controls	Closed loop optical with proprietary control
Tracking Accuracy	Plus or minus 2° standard, field adjustable
Backtracking	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" IDSCH80 steel pipe

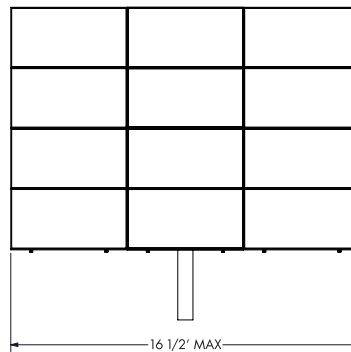
#### TYPICAL DIMENSIONS (based on standard 60 cell module)

East – West	16 1/2' max
North – South	14' max
Height	15 1/2' (pole height up to 8')

#### MAINTENANCE AND GENERAL INFORMATION

Required Maintenance	Drive lubrication every year, regular cleaning of modules recommended
Warranty	2 years parts only, 5 year extended, optional

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