

June



December



## From 0° to 60° in seconds.

Optimize your solar array's position to follow the sun's seasonal changes. In seconds you can single-handedly adjust the tilt of the DuraRack AT, maximizing your power production. You'll increase your power by capturing up to 7% more solar energy.\*

### 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 unequalled solar tracking expertise.

Visit [arraytechinc.com/residential](http://arraytechinc.com/residential) for more information and a list of dealers and installers.

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### FAST AND EASY TO INSTALL

A universal mounting system accommodates most modules. DuraTrack® high-speed mounting clamps make installation fast. The low-profile design means all work is performed at chest height or lower, so it can be done without climbing up and down a ladder.

### STURDY AND RELIABLE

Take advantage of utility-proven technology in a system scaled to your needs. The DuraRack AT uses much of the same technology and many of the same parts as Array Technologies' utility scale DuraTrack, and is rated to 90 mph wind loading.

### EASILY ADJUSTABLE

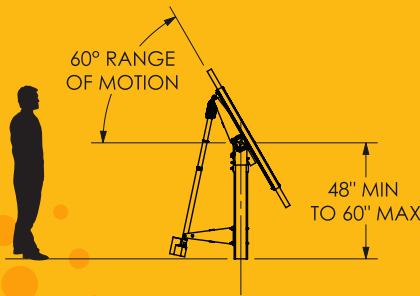
It only takes a few seconds to adjust the tilt angle anywhere from flat to 60° using just a cordless drill.

### LOW MAINTENANCE

The dry-slide bearings require no lubrication. Just clean your modules regularly to maximize your energy production.

(\*Annual average compared to fixed panels that are not seasonally adjustable and depending on latitude.)

# DuraRack AT



## DURARACK AT

With its low profile, the DuraRack AT is great for windy locations and areas with height restrictions. It's reliable, efficient, easy to install and designed to last.

- 4kW + capacity
- Accommodates up to 16 standard 60-cell modules
- Adjustable tilt fixed rack — for any seasonal setting, from 0 to 60°
- Manually adjustable ball screw linear actuator with gear box

### STRUCTURAL & MECHANICAL SPECIFICATIONS

#### SYSTEM INSTALLATION AND SPECIFICATIONS

Racking/Tracking Type	Fixed Rack with manual adjustable tilt
Tracking range East – West	Fixed
Tracking range North – South	0° – 60° adjustable tilt
Energy Gain vs. Fixed-Tilt Rack	Up to 7%, site specific
Module Configuration	12 – 16 single standard 60 cell modules in portrait
Modules Supported	Most commercially available
Module Attachment	DuraTrack high-speed mounting clamps
Motion East – West	None
Motion North – South	Manual adjustable ball-screw with gear box
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)	4 x 4" IDSCH40 steel pipe 1 x 5" IDSCH40 steel pipe

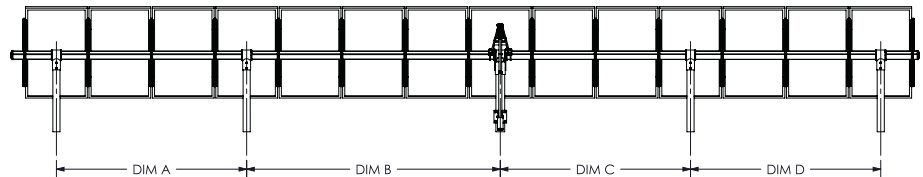
#### TYPICAL DIMENSIONS (based on standard 60 cell module)

East – West	40' – 49' length
North – South	Depends on panel size
Height	4' – 5' poles plus half of panel height

#### MAINTENANCE AND GENERAL INFORMATION

Required Maintenance	Dry-slide bearings no lubrication, regular cleaning of modules recommended
Warranty	2 years parts only, 5 year extended, optional

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**Dimensions are module-specific. Please contact Array Technologies for more details.**

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