

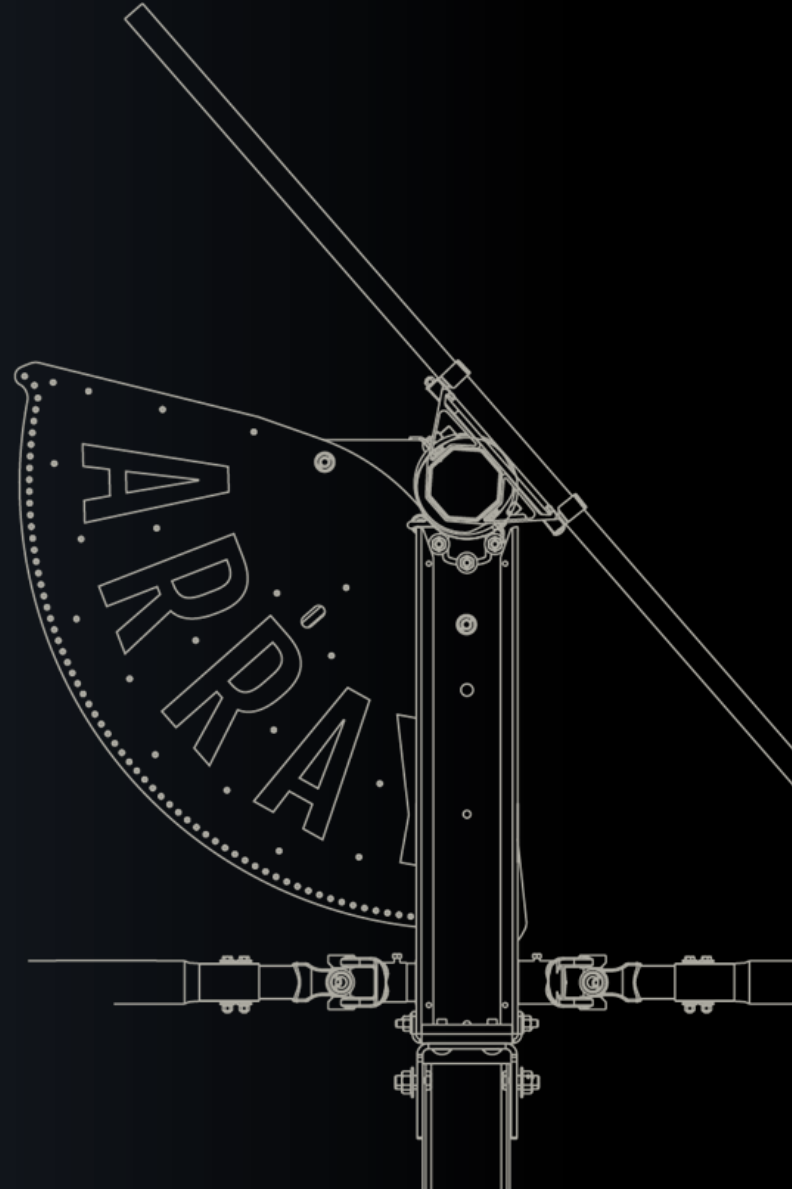


FOLLOW THE SUN.
FOLLOW THE LEADER.

Tracking Solutions: Integrating Large-Format Modules

PRESENTED BY: Michael Corio, *Sales Leader- International Markets*

PRESENTED ON: 6/10/20



30 YEARS OF EXPERIENCE
30 GW YEARS OF OPERATION

OUR EXPERIENCE YOUR ADVANTAGE



900+ Utility-Scale
Projects Worldwide



22+ GW Awarded
or Installed Globally



Installations in
30+ Countries



Ron Corio develops
first solar tracker
for the Wattsun
concentrator
module.

1989

Helium Balloon Tracker
built for Steve Fossett's
first Around the World
attempt.



360 degree tracker
purchased by the
Canadian Government
for use in the Arctic
Circle.

1996



DuraTrack® HZ
installed in largest
utility-scale solar
project in the US, a 6
MW site located in
Alamosa, CO.

2006

1 GW Shipment
Milestone
surpassed.

2012



DuraTrack® HZ v3 is
launched and ships to its
first utility-scale site,
Tranquility 256 MW.

2015



Array introduces
SmarTrack™
optimization software to
boost power production.

2018

1992

Ron Corio
purchases the
Wattsun
Corporation and
forms Array
Technologies,
Inc.



2004

Array Technologies
begins shipping trackers
to utility-scale projects
across Europe and Asia,
including a 5.7 MW site
in South Korea.

2011

DuraTrack® HZ's terrain
flexibility wins over fixed-
tilt for 20 MW site
located in Arizona,
avoiding grading and
maximizing land
occupancy.

2013

Array Technologies
ships DuraTrack® HZ
tracker to a 265 MW
in California, the
largest tracked thin
film project in the
world, at the time.



2017

Array expands
globally and opens
offices in Europe,
Central and South
America, and
Australia.



2019

Array celebrates 30
years of solar
innovation and
surpasses 17+ GW
awarded or
installed milestone.

VAST EXPERIENCE PROVIDES TIMELESS RELIABILITY



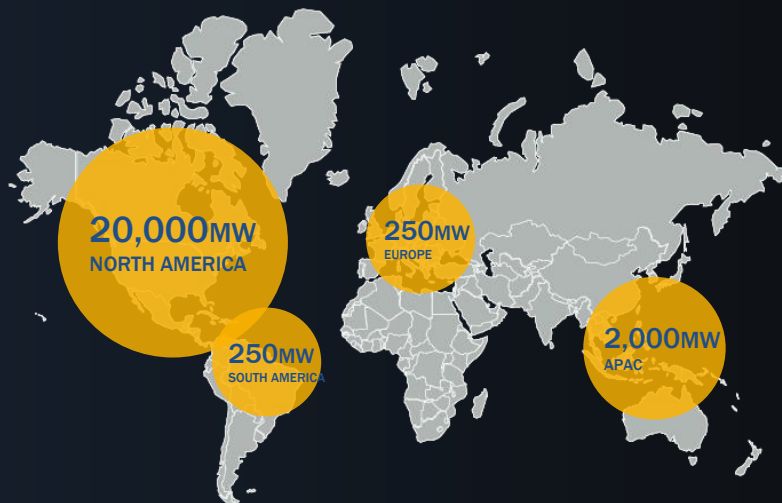
900+ Utility-Scale Projects
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Installations in 30+ Countries





ENGINEERED SIMPLICITY



ENGINEERED SIMPLICITY
IN ACTION

WATCH DuraTrack® HZ v3 VIDEO



HIGHEST POWER DENSITY

100 modules per row

32 rows per tracker block

6% higher density =
improved GCR



LEADING TERRAIN ADAPTABILITY

Up to 40° offset

Up to 26% grade N-S



FEWER COMPONENTS GREATER RELIABILITY

167x fewer components

25% less personnel to
install and commission



FAILURE- FREE WIND DESIGN

Fully mechanical,
passive wind-load
mitigation system

No need for batteries or
power or stow



ZERO SCHEDULED MAINTENANCE

Maintenance-free
motors and gears

Industrial grade
components

DuraTrack® HZ v3

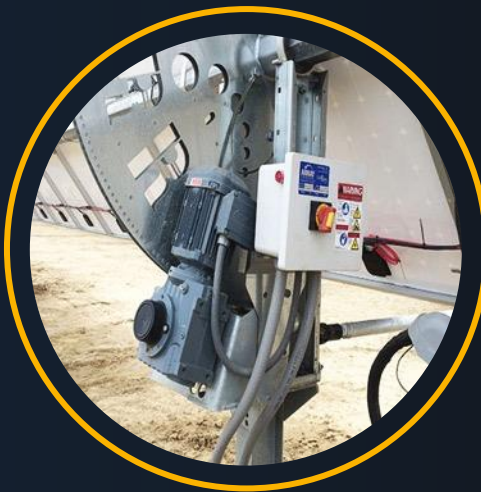
PATENTED FLEXIBLY LINKED ARCHITECTURE

BENEFITS



PATENTED FLEXIBLY
LINKED ARCHITECTURE

WATCH DuraTrack® HZ v3 VIDEO



Less than 1 motor per MW

Proven, industrial-grade
components

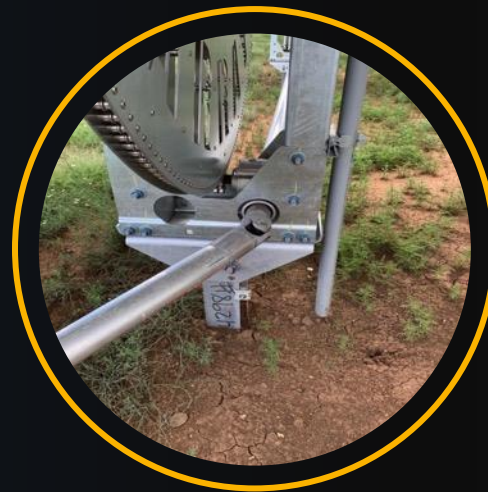
Zero scheduled maintenance:
lubricated and sealed for life



Unique single-bolt clamp

Standard fasteners &
installation tools

Octagonal torque tube for
easy, no-slip, robust
connections



Flexibly linked, rotating
driveline with articulating
u-joints

Quick release detachable
driveline



Module Impact on Tracker Costs

- Module efficiency has largest direct impact on driving down tracker costs
- Module length per weight ratio also strong correlation
 - Lower weight = longer rows, longer rows = more modules per foundation
 - Long module length generates more watts per unit of length along the tracker row

Module Length: Benefits and Trade-offs

Material required in mounting solution scales with module length – requires clamping solutions to grab more of the module frame along a larger area.

FOUNDATION PILES

- Modules with longer lengths require additional foundations at a higher rate as wind loads increase, due to larger tributary area

CUSTOMIZED CLAMPING SOLUTIONS

- Large area modules with less than a 35mm frame thickness are at risk of higher module clamping costs in high wind regions

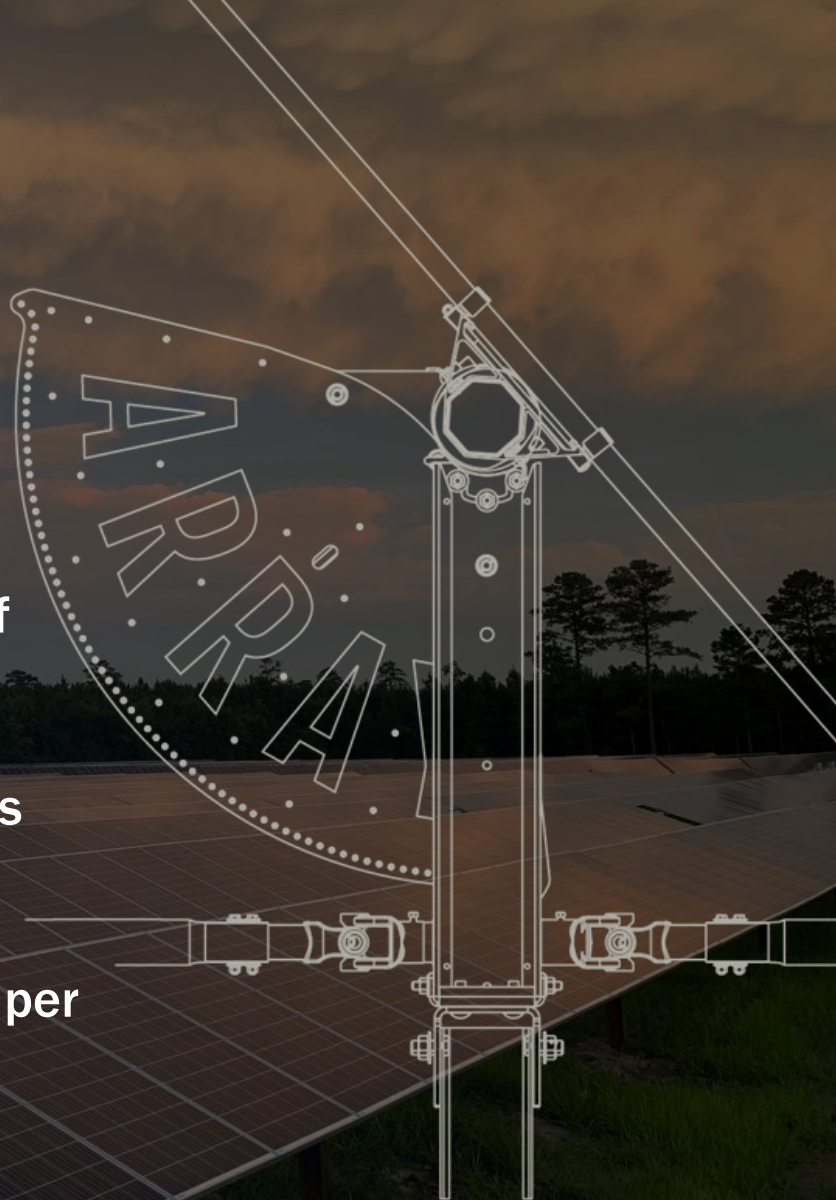
More Modules Per Row = Lower LCOE

Array provides the longest extended rows of any tracker: 3 or 4 string designs possible

Maximizes the watts generated per meter of tracker

Trina Vertex DE19 Series: up to 111 modules per row (3 strings x 37 modules)

Trina Vertex DE20 Series: up to 96 modules per row (3 strings x 32 modules)



**VALUE IS MUCH MORE THAN
THE COST OF YOUR SOLAR
TRACKING SYSTEM.**

**THE TRACKER IS THE FOUNDATION OF
YOUR 30 YEAR ASSET.**

**CHOOSE WISELY
ASK FOR MORE INFO**

