



TrinaTracker Agile™ -1P

Data-R



More Modules per Tracker

TrinaTracker Agile™ -1P can accommodate up to 60 modules per tracker.



Designed for Challenging Conditions

TrinaTracker Agile™ -1P is designed for high wind speeds up to 150 mph (240 km/h) and high temperatures up to 150°F (65°C).



Higher Reliability

TrinaTracker Agile™ -1P features a robust design with a proven track record of high reliability and low maintenance costs.



Two Rows per Tracker

Data-R Tracker can accommodate two rows of modules per tracker, maximizing land use efficiency.



SuperTrack Smart Tracking Control System

TrinaTracker Agile™ -1P is equipped with the SuperTrack Smart Tracking Control System, which optimizes energy production by tracking the sun's position throughout the day.

TRINA CLAMP

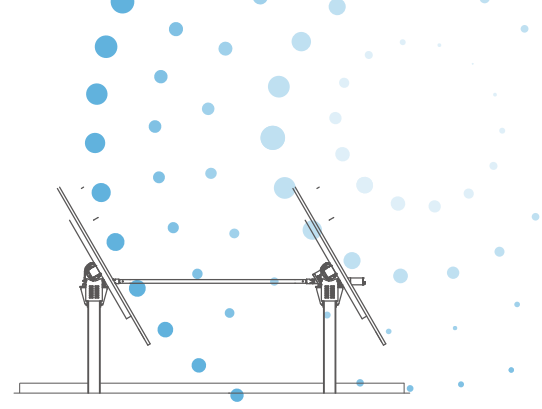
TrinaTracker Agile™ -1P uses the Trina Clamp, a robust and reliable connection system for solar modules.



WIND TUNNEL TESTED BY CPP

Data-R Tracker has been wind tunnel tested by CPP, demonstrating its ability to withstand high wind speeds.





TECHNICAL SPECIFICATIONS

Solar radiation	Tracker System - A
Tracking range	60° (120°)
Driver	Carda
Cable rating	Optical fiber (IP) - 2 wires (1500V wires)
Solar panel	Frame
Frame material	Direct extrusion, Pre-tensioned, Micro-alloy PHC
Profile	Welded I-beam / IPE, IPEA, HEA or HEB ⁽¹⁾
Material	Aluminum, R, E, (T)
Power (670W/m ²)	248 kWh/MW ⁽²⁾ (54 kWh/m ²)
Tracking accuracy	20% N-S, 10% E-W ⁽³⁾
Wind load	Tailored to region
Roof load	1.27%
Dimensions	55m / (Tailored to site)
Material	Hot-dip galvanized steel, S
Coating	HDP, Praxair & ZM ⁽⁴⁾
Clearance	Electrical clearance
Ingress protection	IP65
Tracking system	System - 6m Tracked / System ⁽⁵⁾ / Cable Tracked / System
Adaptability	Compatible
Application	Commercial
Network	Compatible
Electrical code	Wiring: RS 485 Wiring: L Ra/Z/b
Operating temperature	Ambient: < 40°C ⁽⁶⁾ Operating: -30 to 60°C
System	Direct extrusion
Power (rated)	Rated: 0.15 W/m ²
Power	Grade 1 / System - 6m Tracked
Warranty	10-year warranty on structure, 5-year warranty on tracking system

*1Cable
*2D
*3N-S: 20%, E-W: 10%
*4S
*5I
*6D
*7D

CAUTION: READ SAFETY AND INSTALLATION INSTRUCTIONS BEFORE USING THE PRODUCT.
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