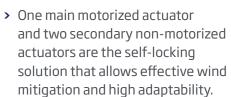


Revolutionized ____ Multi-Drive System







Tracker stability guarantee

Innovative SuperTrack

- > Real-time wheather parametres.
- > Considers terrain conditions.
- > Dynamically optimizes tracking angles.
- > Reduces shading loss.

Up to 8% yield gain

More Modules per Tracker

 Compatible con ultra-high power modules.



Efficiency Proved

- Ultra-low power operation drived by a single row control that reduces power consumption.
- Mechanical and electric protections ensure the right performance of the tracker.



Wired and wireless communicartion system



Improved Realiability

Advanced Alarms Management

- Maximum energy gain ensuring trackers and PV modules safety.
- > Minimum tracker consumption.
- > Preservation of the TCU battery life.

TrinaTracker patented

Spherical Bearing

- > No manteinance required.
- Adaptation to uneven fundation settelments.
- Releases extra stress caused by tracker deformation.
- > Reduction of BOCs cost.



Wind Tunnel Test by **RWDI**

- Stability in extreme wheather conditions.
- Static, dynamic and aeroelastic tests throughout full wind tunnel tests (pressure model, 2D sectional model test & full aeroelastic model test).















GENERAL FEATURES

Solar tracker type	Single row single-axis
Solar module supported	Bifacial and monofacial (framed or frameless)
Tracking range	±55° (110°)
Driver	Multiple linear actuator
Configuration	Two modules in portrait (2P) up to 4 strings per tracker (1500V string)
Solar tracker type	Framed
Foundation options	Direct ramming / Pre-drilling + ramming / Micropile / PHC piles
Pile section	W, compatible with IPE, IPEA
Modules attachment	Bolts, rivets and clips
Piles per MW (550Wp module)	~106 piles/MW ⁽¹⁾ (120 modules per row)
(670 Wp module)	~102 piles/MW ⁽¹⁾ (102 modules per row)
Terrain adaptability	15% N-S ⁽²⁾
Wind and snow loads tolerance	Tailored to site requirements
Rear shading factor	0.8%

STRUCTURE

Material	High yield strength steel
Coating	HDG, pregalvanized & ZM ⁽³⁾

ELECTRONIC CONTROLLER SPECIFICATIONS

Electronic board with microprocessor
IP65
Astronomical algorithms + SuperTrack technology (4)
Customizable
Cup / Ultrasonic
Configurable
Wired option: RS 485
Wireless option: LoRa/Zigbee
Altitude < 4000 m (5)
Temperature: -30°C to 60°C (5)
Digital inclinometer
DC motor: 0.2kW
Grid connection / String powered / Self-powered with battery

WARRANTY

Structure	10 years
Driver and control components	5 years

- (1) Depending on layout
- (2) For scenarios beyond the scope of use, please consult TrinaTracker
- (3) Standard conguration. Other coating under request

About Trina Tracker

Excellent Bankability

Trina Solar has beren ranked within the 10 "Top Bankable Module Supplier" list released by Bloomberg New Energy Finance (BNF) for five consecutive years.

Multiple Product Lines for all Applications

> Multiple product lines developed by an experienced international R&D team to meet market application demands.

Superior Reability and High Quality

Quality management and control system lider in the solar industry with more than 20 years of experience.

Engineering Desing Expertise

Systematic pre-sales to guarantee prompt engineering design.

One-Stop Service

Complete value chain analysis to ensure your investment.
An experienced KAM manages and optimizes the project according to your requirements.

- (4) Includes smart tracking algorithm and smart backtracking algorithm
- (5) Standard conguration. Different conditions under reques, refer to TrinaTracker

