

TracSmart+ 1v

Single & Dual Row Tracker



LinkedIn



gsolarsteel.com

1V Single & Dual Row Tracker Datasheet

MAIN FEATURES

Model	TRACSMART + 1V
Type of tracker	Horizontal Single & Dual Row
Tracking range	Up to +/-55 degrees
Solar modules configuration	One -in-portrait
Drive system (Single-row)	Slewing Drive + DC motor
Drive system (Dual-row)	Slewing Drive(s) + DC motor + Cardan joints
Power Supply	Self-powered / AC-powered
Strings per row M10/M12 cell type	Up to 2x30 modules / 1.5x40 modules
General dimensions (row)	Up to 80m (263ft) Tracker length Up to 2.5m (8ft - 2") Chord
Admissible slope N-S / E-W	Single Row - 15% / Unlimited Dual Row - 15% / 15%
Ground adaptability	Intelligent Pile System
Piles per tracker	Single Row - Up to 9 Dual Row - Up to 18
Steel Coating	Hot Dip Galvanized / AlZnMg / Zn pregalvanized
Standard corrosion protection	According to ISO 12944-2
Design codes	International standards Wind Tunnel Test & CFD

SERVICES PACKAGE

- Pull-out test
- Training
- Fully adaptable commissioning
- Technical assistance

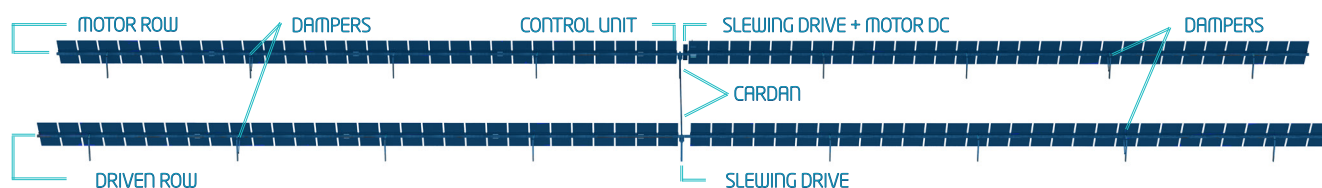
SMART CARE AFTER-SALES

- Cloud monitoring
- Monitoring & Maintenance
- Operation & Maintenance
- Spare parts hubs

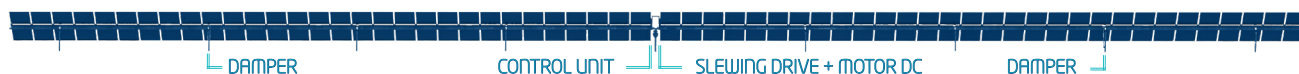
WARRANTY

- Control & drives**
5 years
- Structural components**
10 years
- Product warranty extension**
Available

Dual-row



Single-row



CONTROL SYSTEM FEATURES

Solar Tracking Algorithm	Solar Steel TracSmart+ System SPA-NREL
Communication	RS485/Zigbee
Accuracy	+/-1°
SCADA integration	Modbus TCP
Backtracking	3D: Customized tracker by tracker
IP protection	IP66 closed envelope
LCOE booster	Direct - Difuse algorithm Istow

CERTIFICATIONS

- UL 3703 / IEC 62817 / CE
- Enertis Bankability Report
- Wind Tunnel tested

Customized positions: selfcleaning, hail & snow, face to face cleaning position



Contact
info@gsolarsteel.com
www.gsolarsteel.com
[@solar-steel](https://www.linkedin.com/company/solar-steel)

