

TracSmart+1p



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gsolarsteel.com

1P Dual Row Tracker Datasheet

MAIN FEATURES

Model	TRACSMART + 1P
Type of tracker	Horizontal 1P Single and Dual Row
Tracking range	±55 Standard / Up to ±60 degrees
Solar modules configuration	One -in-portrait
Drive system	Slewing Drive(s) + DC motor + Cardan joints
Power Supply	Self-powered / AC-powered
Strings per row M10/M12 cell type	Up to 2x30 modules
Beam support	Self-locking in stow position
General dimensions (row)	Up to 80m (263ft) Tracker length Up to 2.5m (8ft - 2") Width
Motor-pile max height	Up to 3 m
Admissible slope N-S / E-W	15% / 15%
Ground adaptability	SmartSlope+ optional
Ground clearance	Up to 2.1 m
Piles per tracker	Up to 26
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

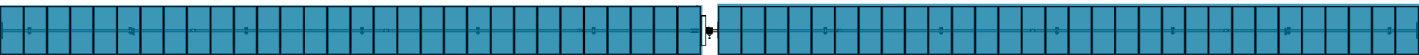
SMART CARE AFTER-SALES

Cloud monitoring
Monitoring & Maintenance
Operation & Maintenance
Spare parts hubs

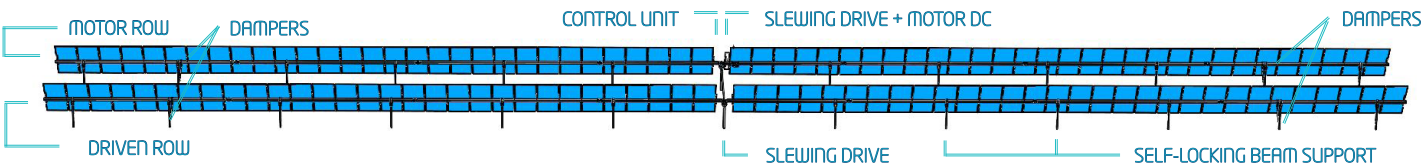
WARRANTY

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

SR:



DR:



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 Customizable positions

CERTIFICATIONS

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