

TracSmart + 1v

Single & Dual Row Tracker

Solar Steel

Gonvarri Industries



LinkedIn



ENERT/S



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

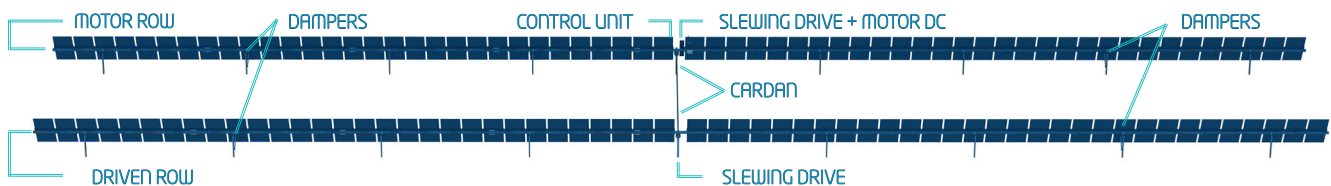
SMART CARE AFTER-SALES

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