

TracSmart+1p

Solar Steel
Gonvarri Industries



LinkedIn



gsolarsteel.com

1P Single- and Dual Row Tracker Datasheet

MAIN FEATURES

Model	TRACSMART + 1P
Type of tracker	Horizontal 1P Single and Dual Row
Tracking range	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
Beam support	Self-locking in stow position
General dimensions (row)	Up to 125m (410ft) Tracker length Up to 2.5m (8ft - 2") Width
Strings per row	Up to 4
Motor-pile max height	Up to 3 m
Time to stow	Less than 6 minutes
Admissible slope N-S	Up to 15%
Admissible slope E-W	Unlimited (Single-row) Up to 15% (Dual-row)
Ground adaptability	SmartSlope+ optional
Ground clearance	Up to 2.1 m
Piles per row	Up to 15
Steel Coating	Hot Dip Galvanized / AlZnMg / Zn pregalvanized
Standard corrosion protection	C environment according to ISO 12944-2
Design codes	International standards Wind Tunnel Test & CFD

SERVICES PACKAGE

Pull-out test
Training
Fully adaptable commissioning
Technical assistance

AFTER-SALES

Cloud monitoring
Monitoring & Maintenance
Operation & Maintenance
Spare parts hubs

STANDARD WARRANTY

Control & drives

5 years

Battery

2 years

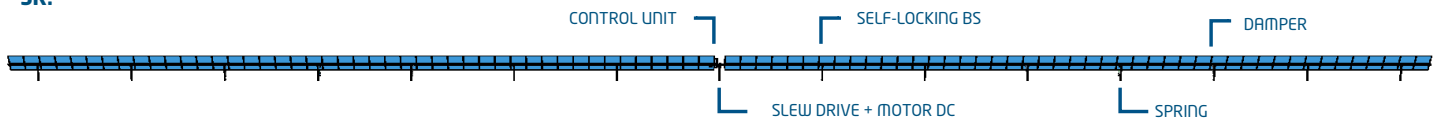
Structural components

10 years

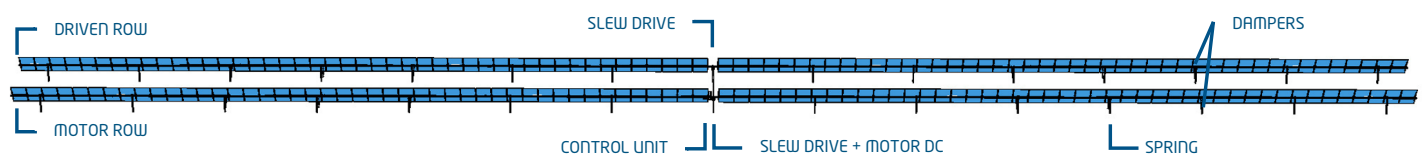
Product warranty extension

Available

SR:



DR:



CONTROL SYSTEM FEATURES

Solar Tracking Algorithm	Solar Steel TracSmart+ System SPA-NREL
Communication	Zigbee
Accuracy	+1°
SCADA integration	Modbus TCP
TracBoost	Full Backtracking: Customized by tracker Direct - Difuse algorithm
Customized positions	Night - Cleaning - Hail Available customized slots
IP protection	IP66 closed envelope
Working temperature	From -30°C (-4°F) to 65°C (149 °F)

CERTIFICATIONS

UL 3703 / IEC 62817 / CE

EnerTis Bankability Report

Wind Tunnel tested