

# 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 $\pm 60$ 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
Plastic joints	Self-lubricating
General dimensions (row)	Up to 120m (394ft) Tracker length Up to 2.5m (8ft - 2") Width
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 tracker/row	Up to 39
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

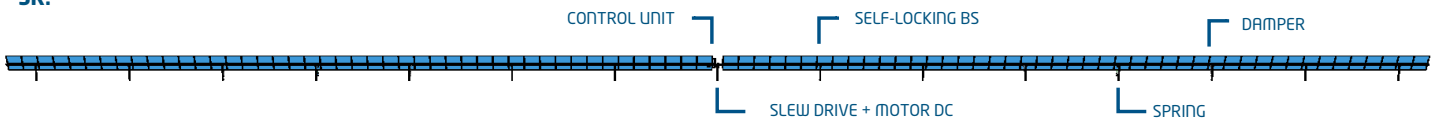
#### Structural components

10 years

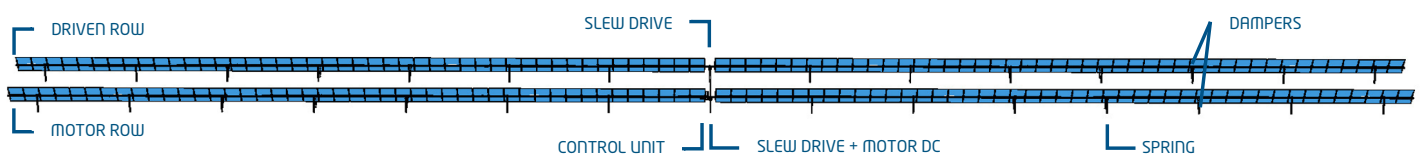
#### Product warranty extension

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