

SOLTEC

SFONE SINGLE AXIS TRACKER

The 1P tracker by Soltec

Contents subject to change without prior notice © Soltec Energías Renovables • SFONE-130m.14-07-2026. ver.01
Monitoring & Control references on this document are subject to availability. Alternative electronics could be finally provided for your project if needed.
This document is of a commercial nature and the characteristics reflected are not binding for specific projects. The characteristics of the product will be specified in the final documentation of each project.

TECHNICAL DATASHEET

SFONE SINGLE AXIS TRACKER

MAIN FEATURES

Tracking System	Horizontal Single-Axis with independent rows*
Tracking Range	up to ± 60°
Drive System	Single Slewing Drive/Row, DC Motor
Power Supply	Self-powered with dedicated panel Optional: 120/240 Vac or 24 Vdc power-cable
Tracking Algorithm	Astronomical Algorithm with standard backtracking Optional: Asymmetric Backtracking
Communication	Full Wireless
Wind Resistance	Operation Wind Speed: 60 km/h as Standard Optional: other wind speed can be studied STOW Wind Speed: According to project site
Stow Strategy	Standard wind-event protection included. Additional project-specific strategies available for snow, hail, flooding, and other site conditions. *Additional safety strategies are available upon request and subject to project-specific evaluation.
Foundation	Driven Pile | Ground Screw | Concrete
Temperature Range	
Standard	-4°F to +131°F | -20°C to +55°C
Extended	-40°F to +131°F | -40°C to +55°C
Modules	Compatible with standard Tier 1 PV modules, including 1.134m and 1.303m widths. Non-standard module dimensions may require compatibility assesment.

SERVICE PLANS

- Pull out test
- Onsite Advisory
- Commissioning
- Operation & Maintenance
- Tracker Monitoring System
- Solmate Customer Care

MAINTENANCE

- Self-lubricating Bearings
- Face to Face Cleaning Mode
- Reduced number of parts and fasteners
- Installable with standard tools

WARRANTY*

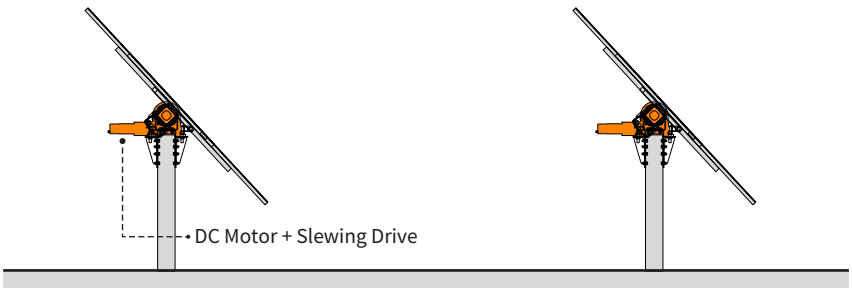
- Structure 10 years
- Motor 5 years
- Electronics 5 years

*extendable under quotation

TECHNICAL ADVISORS

- **Dy-Wind design implemented**
- **RWDI Wind Tunnel Tested**
- **CPP Wind Tunnel Tested**
- **Wire management available**
- **IEC 62817 certificates**
- **UL 3703 certificates**

CONFIGURATION

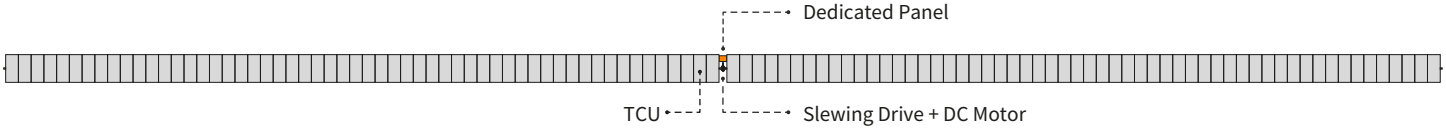


DIMENSIONS*

up to **1x1Px112**

- Length: up to 130m (426' 6")
- Axis height: 1,4 - 2,1m (4' 7" - 6' 10")
- Width: 2.1 - 2.5m (6' 10" - 8' 2")

*Approximate Dimensions



SPAIN / Headquarters
Pol. Ind. La Serreta
Gabriel Campillo, s/n, 30500
Molina de Segura, Murcia, Spain
info@soltec.com
+34 968 603 153

MADRID
emea@soltec.com
+34 914 497 203

ITALY
italia@soltec.com

UNITED STATES
usa@soltec.com
+1 561 690 1624

MEXICO
mexico@soltec.com
+52 55 4124 0144

BRAZIL
brasil@soltec.com
+55 071 3026 4900

CHILE
chile@soltec.com
+56 2 2573 8559

AUSTRALIA
australia@soltec.com
+61 2 9258 1340

CHINA
china@soltec.com
+86 21 6628 5799

SOLTEC