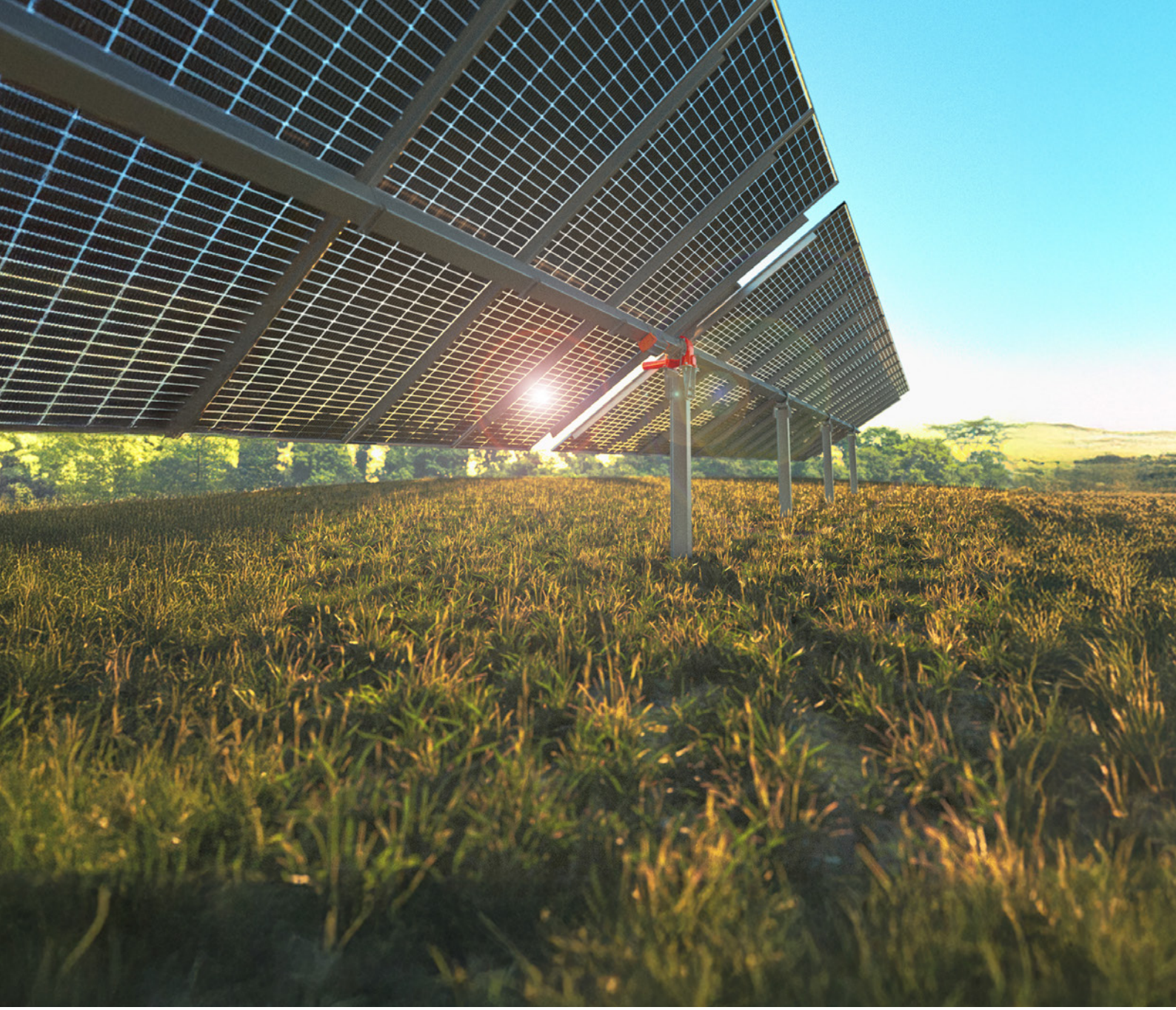


SOLTEC

SF 7 SINGLE AXIS TRACKER

The next-generation-now horizontal single-axis solar tracker

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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

SF 7 SINGLE AXIS TRACKER

MAIN FEATURES

Tracking System	Horizontal Single-Axis with independent rows
Tracking Range	± 55° (optional: ± 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
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.
Land Use Features	
Independent Rows	Yes
North-South slope	Up to 17%
East-West slope	Configurable
Ground coverage radius	Configurable. Typical range: 30-50%
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 1.134 m and 1.303m widths. Non-standard module dimensions may require compatibility assessment.

SERVICE PLANS

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

MAINTENANCE

- Self-lubricating Bearings
- Wider Aisles for easier access

WARRANTY*

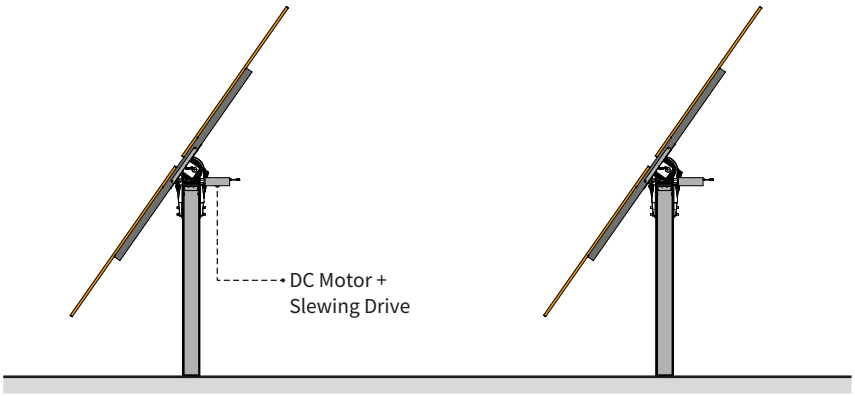
- Structure 10 years
- Motor 5 years
- Electronics 5 years

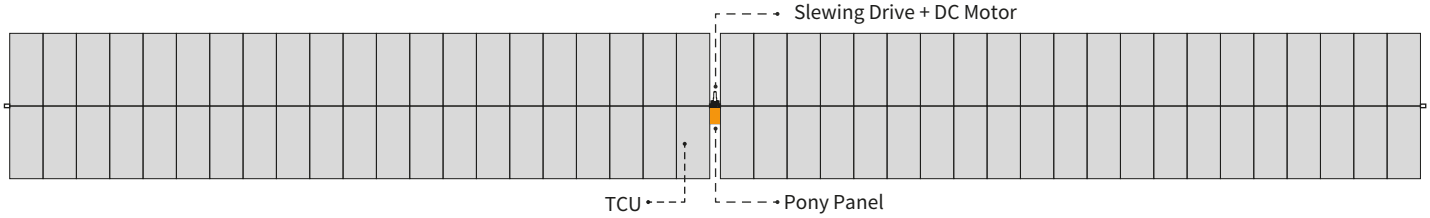
*Extension available upon request

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*

1x2Px58

- Length: up to 67m (220')
- Height: 2.1 - 3.1m (6' 10" - 10' 2")
- Width: up to 5.5m (18')

*Approximate Dimensions

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