SFOO | SINGLE-AXIS TRACKER

Otherworldly Tracker: Engineered for greatness

Soltec.com

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## MAIN FEATURES

- **Tracking System**: Horizontal Single-Axis with independent rows
- **Tracking Range**: up to ± 60°
- **Drive System**: Enclosed Multidrive System, DC Motor
- **Power Supply**: PV Series Self-powered Supply 2.0
  - Optional: 120/240 Vac or 24 Vdc power-cable
- **Tracking Algorithm**: Astronomical with TeamTrack™ Backtracking 2.0
- **Communication**: Open Thread
  - Full Wireless
  - Optional: RS-485 Full Wired
  - RS-485 cable not included in Soltec scope
- **Wind Resistance**: Per Local Codes
- **Land Use Features**:
  - Independent Rows: YES
  - Slope North-South: up to 17%
  - Slope East-West: Unlimited
  - Ground Coverage Ratio: 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
- **Availability**: >99%
- **Modules**:
  - Standard: 72 / 78 cells | Optional: 60 Cells; Crystalline, Thin Film (Solar Frontier, First Solar and others)

## SERVICE PLANS

- Pull Test
- Factory Support
- Onsite Support
- Construction
- Commissioning
- Operation & Maintenance
- Tracker Monitoring System
- Solmate Customer Care

## MAINTENANCE

- Self-lubricating Bearings
- Face to Face Cleaning Mode
- 2x Wider Aisles
- Fewer parts and fastenings

## WARRANTY

- Structure 10 years (extendable)
- Motor 5 years (extendable)
- Electronics 5 years (extendable)

## TECHNICAL DATASHEET

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### MODULE CONFIGURATIONS

- Approximate Dimensions, scalable to bigger modules

<table>
<thead>
<tr>
<th>2x56</th>
<th>Length 58.0 m (190’ 5&quot;)</th>
<th>2x84</th>
<th>Length 87.1 m (286’ 8&quot;)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2x58</td>
<td>Length 60.1 m (197’ 2&quot;)</td>
<td>2x87</td>
<td>Length 90.1 m (296’ 9&quot;)</td>
</tr>
<tr>
<td>2x60</td>
<td>Length 62.1 m (204’ 10&quot;)</td>
<td>2x90</td>
<td>Length 93.2 m (306’ 9&quot;)</td>
</tr>
</tbody>
</table>

- Height 4.1 m (13’ 7")
- Width 4.2 m (13’ 10")

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**TCU**

**Multidrive**

**DC Motor**

**DC Harness**

Minimum 2x60 Configuration

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**TECHNICAL DATASHEET**

**SINGLE-AXIS TRACKER**

**MAIN FEATURES**

**SERVICE PLANS**

**MAINTENANCE**

**WARRANTY**

**MODULE CONFIGURATIONS**

**TCU**

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Minimum 2x60 Configuration