Squared efficiency: The first 2P linked tracker
## Technical Datasheet

### Main Features
- **Tracking System**: Two-row Horizontal Single-Axis Tracker
- **Tracking Range**: up to ±60°
- **Drive System**: 2 Enclosed Slewing Drives, 1 DC Motor
- **Power Supply**: AC/DC Universal Input
  - Optional: Self-Powered PV Series
- **Tracking Algorithm**: Astronomical with TeamTrack Backtracking
- **Communication**: RS-485 Full Wired
  - Wireless optional: Hybrid Radio + RS-485 Cable
- **Wind Resistance**: Per Local Codes
- **Land Use Features**: YES
  - Slope North-South: up to 17%
  - Slope East-West: up to 25%
- **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)

### Module Configurations

<table>
<thead>
<tr>
<th>Length</th>
<th>Height</th>
<th>Width</th>
</tr>
</thead>
<tbody>
<tr>
<td>2x2x28</td>
<td>29.2 m (95' 10&quot;)</td>
<td>4.1 m (13' 4&quot;)</td>
</tr>
<tr>
<td>2x2x29</td>
<td>30.2 m (99' 1&quot;)</td>
<td>4.1 m (13' 4&quot;)</td>
</tr>
<tr>
<td>2x2x30</td>
<td>31.4 m (103&quot;)</td>
<td>4.1 m (13' 4&quot;)</td>
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</tbody>
</table>

### Services
- **Pull Test Plan**
- **Factory Support Plan**
- **Onsite Advisory Plan**
- **Construction Plan**
- **Commissioning Plan**
- **Operation & Maintenance Plan**
- **Tracker Monitoring System Plan**
- **Solmate Customer Care**

### Maintenance Advantages
- Self-lubricating Bearings
- Face to Face Cleaning Mode
- 2x Wider Aisles

### Warranty
- **Structure**: 10 years (extendable)
- **Motor**: 5 years (extendable)
- **Electronics**: 5 years (extendable)