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9/3, Verma Nagar, Azad Road,
Andheri East, Mumbai - 400069,
Maharashtra,
India.

COMMERCIALY AVAILABLE PARTS

SOLPOWER® TRACKERS
USE NON-PROPRIETARY
COTS (COMMERCIAL
OFF-THE-SHELF)
COMPONENTS TO
PROVIDE ASSURED LOW
COST MAINTAINABILITY
AND SPARE PARTS
AVAILABILITY.

WARRANTY

SOLPOWER® TRACKERS
ARE DESIGNED FOR
DURABILITY AND
MAINTAINABILITY.
SOLPOWER'S
OPERATIONAL
EXPERIENCE &
EXTENSIVE USE OF
COTS COMPONENTS
ALLOWS US TO
PROVIDE A TRACKER
WARRANTY PACKAGE
THAT MEETS YOUR
PARTICULAR RISK
PROFILE.



SolPower® M1-D

Single Axis Tracker

OVERVIEW

- The SolPowerM1-D Single-Axis Tracker achieves cost efficiency through a robust, easy to install, low maintenance design.
- SolPower's M1-D offers the widest misalignment tolerances in installation.
- The M1-D tracker is the only tracker that uses Stainless steel automobile grade PTFE lined bearings for durability.

BUILT TO LAST

Rugged, durable, industrial components engineered to operate for decades to come.

LOW TOTAL COST

The low installed cost, low maintenance cost, and high reliability of SolPower® single-axis trackers allows our customers to realize the lowest Levelized Cost of Electricity (LCOE) and superior investment returns.

BENEFITS

- Confidence: 10 years proven operation in all climates and conditions
- Exceptional reliability > 99.9% uptime
- Highest Push Ratio/Fewest motors per MW in the industry/Lowest maintenance
- Flexible array layout and scaling
- Reduced installation time and cost
- Remote Monitoring and troubleshooting.
- Programmable controller (optional Web connections)
- Highly efficient drive system nearly eliminates parasitic power consumption

FEATURES & CAPABILITIES

- Scalable 750kWp to 100+MWp.
- 1 Controller & Actuator per MWp.
- Durable PLC (Programmable Logic Controller) Control System.
- Advanced Terrain & Boundary Following.
- Best-in-class backtracking algorithm which eliminates row-to-row shading.
- Engineered for dusty, sandy & tropical climatic conditions.
- 15% -27% more light capture and energy output compared to fixed tilt systems.
- Rugged, off-the-shelf fluid power drive actuator mechanism.
- Self-Aligning connections.



TRUST AND CONFIDENCE

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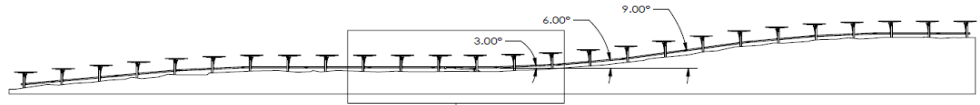
DESIGN

SOLPOWER TRACKERS
ARE DESIGNED FOR
ROBUST
SIMPLICITY. STANDARD
STEEL MILL SHAPES,
PROVEN COTS
(COMMERCIAL OFF-THE-
SHELF) COMPONENTS,
AND SIMPLE, BOLTED
CONNECTIONS MAKE SOL
POWER TRACKERS
EXCEPTIONALLY RELIABLE
AND COST EFFICIENT TO
BUILD AND SERVICE
WORLDWIDE.

TRACKER PACKAGES

SOLPOWER OFFERS
TRACKER PACKAGES IN
A WIDE RANGE OF SIZES
AND CONFIGURATIONS.

SolPower® M1-D Advanced Terrain Following

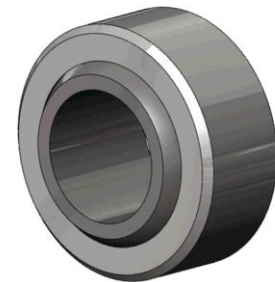


TECHNICAL SPECIFICATIONS

The SolPower® Single-Axis Tracker is designed with the utility owner and financier in mind.

The SolPower® M1-D Single-Axis Tracker can accommodate all commercially available solar modules including thin film/frameless Modules. The M1-D can also be installed in a wide range of climatic conditions or soil conditions.

The SolPower® Single-Axis Tracker Package is optimized for your site, solar components and commercially available structural elements.



Description	Specification
Maximum Block Size Per controller	Up to 1300 kWp (4,032 modules)
Bearing Type	Automobile Grade SS-304 Spherical Bearing with PTFE Liner
N-S Slope Tolerances	5%
E-W Slope Tolerances	15%
Tilt Range East/West	+/- 52 degrees
Tracking Accuracy	+/- 2 degrees
Advanced Anti-Shading Algorithm	Best-in-Class SolPower Proprietary Algorithm
Operating Voltage	208V -415V AC
Power Consumption Per MW	275 kWh/year per MWp
Parasitic Load	Less than 0.03%
Wind Load Capacity	Up to 120 mph/55mps
Drive Type	Hydraulic Drive
Wind Stow	As per Site Conditions
Stow Time	90 seconds from 50 to 0 degrees
Ground Coverage Ratio	0.3 to 0.6 (owner spec.)
PV Modules Supported	All Commercially Available PV Modules
Push Ratio (kW DC per Motor)	Up To 1300 kWp
1500 VDC Compatible	Yes
SCADA Monitoring	SCADA over the cloud via cellular modem
Maintenance	Negligible. Limited PM recommended



SINGLE AXIS TRACKER
210C7E YX12 15VCKEK

TRUST AND CONFIDENCE