



# SF7 | One Track Zero Gap

The latest generation of the horizontal single-axis tracker



**LISTED**  
[PV SOLAR TRACKER]  
E476688



# TECHNICAL DATASHEET



## MAIN FEATURES

Tracking System	Horizontal Single-Axis with independent rows
Tracking Range	120° +
Drive System	Enclosed Slewing Drive, DC Motor
Power Supply	Self-Powered PV Series Optional: AC/DC Universal Input
Tracking Algorithm	Astronomical with TeamTrack Backtracking
Communication	Wireless Hybrid Radio + RS-485 Cable Optional: Wire RS-485 Full Wired
Wind Resistance	Per Local Codes
Land Use Features	Independent Rows YES Slope North-South 17% Slope East-West Unlimited Ground Coverage Ratio Configurable. Typical range: 28-50%
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 cells   Optional: 60 Cells; Crystalline, Thin Film (Solar Frontier, First Solar and others); Bifacial

## MODULE CONFIGURATIONS

1000V	Length	Height	Width	1500V	Length	Height	Width
2x38	124' 12" (38.1 m)	12' 12" (3.95 m)	12' 10" (3.92 m)	2x42	138' 12" (42.1 m)	12' 12" (3.95 m)	12' 10" (3.92 m)
2x40	131' 7" (40.1 m)			2x43.5	144' 8" (44.1 m)		
				2x45	147' 12" (45.1 m)		

## SERVICES

Tracker Advisory Services	Tracker Turnkey Contracting
Technical Support	Commissioning
Pull Out Test	Maintenance

## 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)

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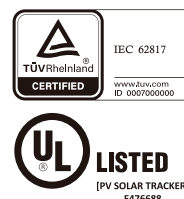
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