

<b>Tracking technology:</b>	Single-row, horizontal, balanced, single-axis	
<b>Tracking range:</b>	120°	
<b>Modules and configurations:</b>	Framed silicon modules - Up to 120 Series 6 modules - Up to 96 1-in-portrait	
<b>Dimensions:</b>	Height - Modules at 60° - 2.4 m (7.8 feet) Width - Modules horizontal - 2.0 m (6.5 feet) Length - Up to 122 m (400 feet)	
<b>Foundations:</b>	Driven C posts Driven I or W posts	
<b>Structural materials:</b>	Galvanized steel per ASTM A653	
<b>Drive:</b>	1 slew drive per tracker 20 drives per MW (typical)	
<b>Motor:</b>	1 24-volt dc brushed motor per tracker 20 motors per MW (typical)	
<b>Control system:</b>	1 tracker control unit mounted to each tracker with internal inclinometer DC with 30- or 60-watt module and onboard battery AC up to 264 vac input 1 network controller per 150 trackers (wireless) 1 or more meteorological stations per site 1 remote access unit per site - datalogger and modem - if needed	
<b>Communication:</b>	Network controller to tracker controllers: MODBUS over Zigbee wireless Network controller to SCADA: MODBUS TCP/IP over ethernet Cloud app available for remote monitoring and predictive maintenance	
<b>Step size:</b>	1°	
<b>Tracking algorithm:</b>	Based on United States Naval Observatory Solar Position Algorithm Tracking accuracy $\pm 2^\circ$	
<b>Backtracking:</b>	Optional - Optimized for each tracker based on topography	
<b>Night stow:</b>	Yes	
<b>Wind stow:</b>	Yes	
<b>Snow stow:</b>	Yes	
<b>Snow sensor:</b>	Optional	
<b>Bearings:</b>	Self-lubricating acetal wear surfaces Adjustable in multiple dimensions to take up post misalignment Delivered fully assembled from the factory	
<b>North-South slope:</b>	Up to 15%	
<b>Installation:</b>	No welding or cutting in the field	
<b>Compliance:</b>	UL3703, ASCE7-10	
<b>Warranty:</b>	Structural Control system Drive Motor Dampers	10 years 5 years standard, 10 years optional 5 years 5 years 4 years

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