



SF7 TANDEM

Squared efficiency: The first 2P linked tracker



TECHNICAL DATASHEET



MAIN FEATURES

Tracking System	Two-row Horizontal Single-Axis Tracker
Tracking Range	up to $\pm 60^\circ$
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 cable not included in Soltec scope
Wire	RS-485 Full Wired
Wireless optional:	Hybrid Radio + RS-485 Cable Full Wireless
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)

SPAIN / Headquarters
Pol. Ind. La Serreta
Gabriel Campillo, s/n, 30500
Molina de Segura, Murcia, Spain
info@soltec.com
+34 968 603 153

MADRID
Núñez de Balboa 33, 1ªA
28001 Madrid
emea@soltec.com
+34 91 449 72 03

UNITED STATES
usa@soltec.com
+1 510 440 9200

BRAZIL
brasil@soltec.com
+55 071 3026 4900

MEXICO
mexico@soltec.com
+52 1 55 5557 3144

CHILE
chile@soltec.com
+56 2 25738559

PERU
peru@soltec.com
+51 1422 7279

INDIA
india@soltec.com
+91 124 4568202

AUSTRALIA
australia@soltec.com
+61 2 9275 8806

CHINA
china@soltec.com
+86 21 66285799

ARGENTINA
argentina@soltec.com
+54 9 114 889 1476

EGYPT
egypt@soltec.com

B&V Bankability report
DNV GL Technology
Review available
RWDI WIND TUNNEL TESTED

MODULE CONFIGURATIONS Approximate Dimensions

	Length	Height	Width		Length	Height	Width
2x2x28	29.2 m (95' 10")	4.1 m (13' 4")	4.1 m (13' 4")	2x2x42	43.6 m (143')	4.1 m (13' 4")	4.1 m (13' 4")
2x2x29	30.2 m (99' 1")			2x2x43.5	45.6 m (149' 7")		
2x2x30	31.4 m (103')			2x2x45	46.7 m (153' 3")		

SERVICES

Pull Test Plan	Commissioning Plan
Factory Support Plan	Operation & Maintenance Plan
Onsite Advisory Plan	Tracker Monitoring System Plan
Construction 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)



soltec.com

Contents subject to change without prior notice © Soltec Energías Renovables • SF7.200630.V1