

PROGETTO "ENERGIA DELL'OLIO DI SEGEZIA"

da 227,421 MWp a Troia (FG)



D-12

PROGETTO DEFINITIVO

Scheda tecnica tracker



Proponente

Peridot Solar Green S.r.l.

Via Alberico Albricci, 7 - 20122 Milano (MI)



Investitore agricolo superintensivo

OXY CAPITAL ADVISOR S.R.L.

Via A. Bertani, 6 - 20154 (MI)



Progetto dell'inserimento paesaggistico e mitigazione

Progettista: Agr. Fabrizio Cembalo Sambiase, Arch. Alessandro Visalli

Collaboratori: Urb. Daniela Marrone, Arch. Anna Manzo, Agr. Giuseppe Maria Massa



Progettazione elettrica e civile

Progettista: Ing. Rolando Roberto, Ing. Giselle Roberto

Collaboratori: Ing. Marco Balzano, Ing. Simone Bonacini



Progettazione oliveto superintensivo

Progettista: Agron. Giuseppe Rutigliano

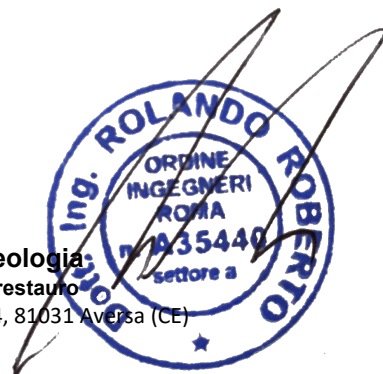
Consulenza geologia

Geol. Gaetano Ciccarelli

Consulenza archeologia:

ARES archeologia & restauro

via O. Marchione n. 24, 81031 Aversa (CE)



06	2023	rev	descrizione	formato	elaborazione	controllo	approvazione
		00	Prima consegna	A4	Rolando Roberto	Giselle Roberto	Rolando Roberto
		01					
		02					
		03					
		04					
		05					
		06					
		07					



SF7 | One Track
Zero Gap

The latest generation of the horizontal single-axis tracker



TECHNICAL DATASHEET



Single-Axis Tracker

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

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MODULE CONFIGURATIONS

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

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)



DNV GL Technology Review available
Bankability report
WIND TUNNEL TESTED



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