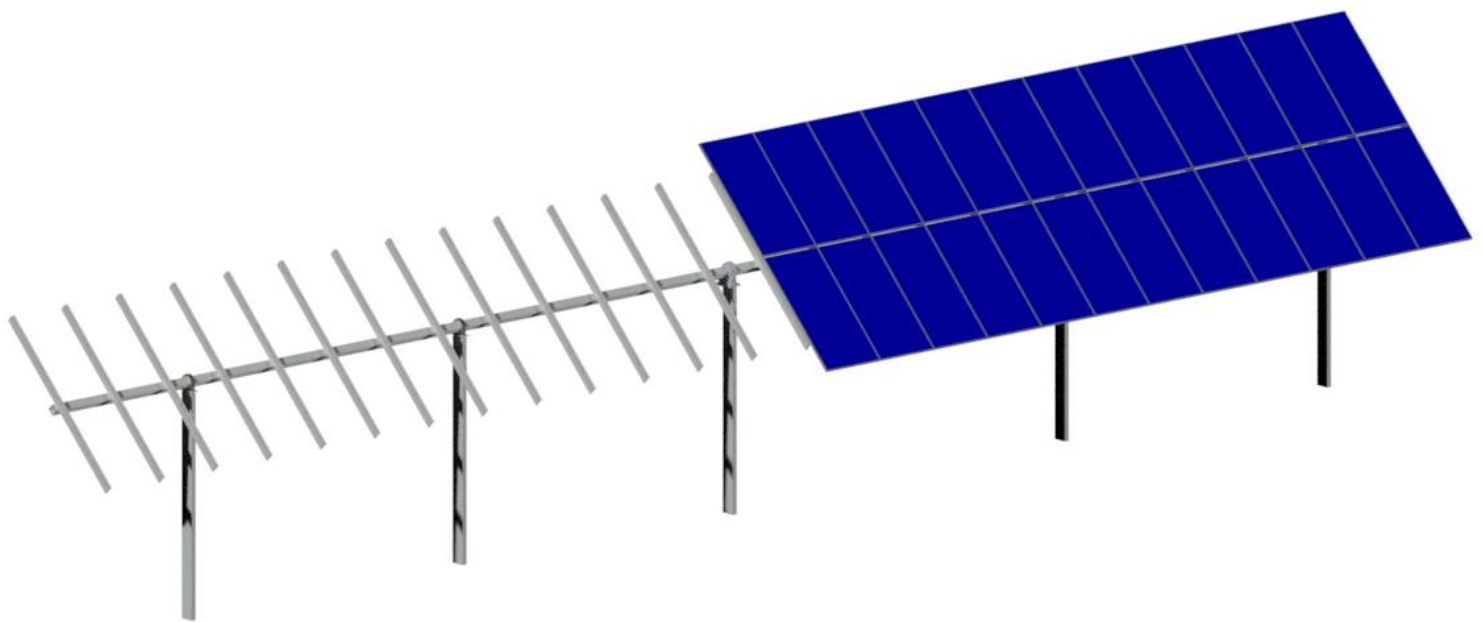




Technical
Datasheet

STANSOLtracker ST01-PVT-2V_01



 **STANSOL**[®]
photovoltaic solutions

Structures for photovoltaic installations

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STANSOL ENERGY Tracking system single axis, seeks maximum solar energy performance and the highest profitability possible for the whole photovoltaic project. Through the GPG-PS solar control system, it achieves up to 20% in performance increase.

COMPETITIVE ADVANTAGES

- Easy and fast assembly, no cuts or complementary drills on site.
- Control system that operates, controls and monitors the tracking system in real time
- Applicable in both astronomical and maximal radiation tracking
- Capability to work in master and secondary tracker configuration
- Works in insolation and in any smart network
- Operation and maintenance costs reduction. Predictive maintenance.
- Versatility in the configuration of the solar modules
- Design optimization according to customer and project requirements
- Installation on all types of land

MAIN FEATURES

MAIN DATA

Rater power (s/solar modules)	28.000-35.000 Wp DC
Tracking system	Horizontal single axis north-south tracker, single row
Modules Surface max.:	200 m2
Modules max (60-72) cells	100 units
Homologations	CE

STRUCTURES

Materials	Warm galvanized Steel s/EN ISO 1461
Installation	Screwed on site
Weight rates	Optimization by projects

BEARING

Main feature	No maintenance
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MOTOR

Angle East-West	+/- 60°
Rotation speed	max. 3°/min

CONTROL

Main feature	GPG-PS technology
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ENVIRONMENTAL CONDITIONS

Wind resistance	According local regulation
Adaptability to land	Yes
Slope North-South	12%
Slope East-West	Unlimited
Temperature range	-20°C to +55°C / -4°F TO 131°F

FOUNDATION

	Direct pile/screw/ Concrete
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WARRANTY

25 years

SERVICES

Design	Turnkey contracting
Supply	Commissioning
Installation	Maintenance
Pull out test	Warranty



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