

BENEFITS

Most Energy per Tracker

Generates up to 30% more energy than fixed tilt ground systems

Simple, Modular Deployment

Designed for fast installation, with modular site configuration and preassembled components

Low Impact

Pre-cast concrete foundation option simplifies installation without ground penetration for minimal environmental impact

Efficient Design

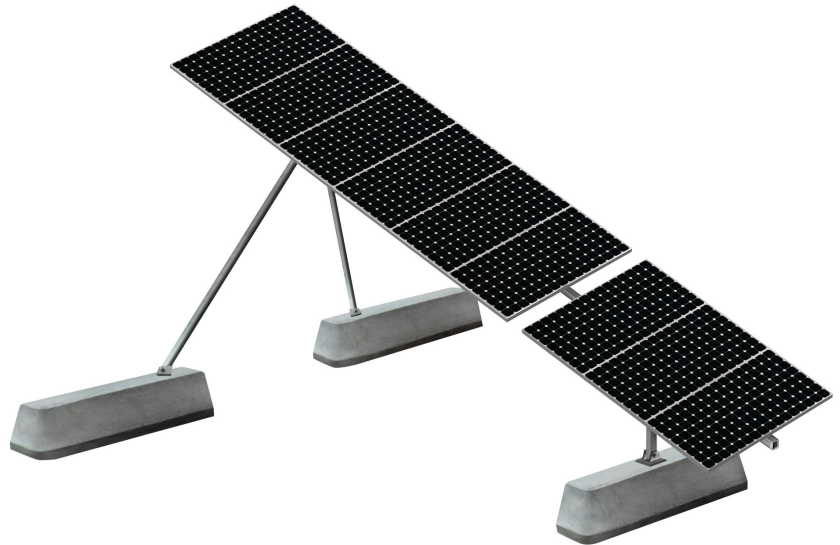
Streamlined tracker design combined with SunPower high-efficiency solar panels results in less land, concrete, steel and cabling per megawatt

Reliable and Proven

Patented, single-axis design with corrosion-resistant steel accurately tracks the sun with few moving parts



SUNPOWER™ T20 TRACKER



With more than 200 megawatts installed on three continents, SunPower Trackers are the most proven ground systems in the world. Deployed with SunPower utility-scale, high-efficiency solar panels, the SunPower T20 Tracker is the planet's most powerful, with the greatest power density per tracker.

A streamlined single-axis design offers the ideal combination of performance, scalable installation, and simplicity. Multiple foundation options and a pre-assembled, modular design facilitate rapid deployment. Requiring only half the land area to produce the same amount of energy as conventional dual-axis trackers, the T20 Tracker minimizes the environmental impact.

As it follows the sun, the T20 Tracker produces the most energy per kW of any single-axis tracking system available today, for a maximum return on investment. Real-time, remote monitoring and control is enabled via the SunPower TMAC Advanced Tracker Controller, and seamless integration with power plant SCADA systems ensures low-cost operation.



PRODUCT SPECIFICATIONS

Modules	9 SunPower 128-cell Solar Panels or 12 SunPower 96-cell Solar Panels
Tracking Type	Tilted single-axis (with backtracking)
Tilt Angle	20 degrees
Control System	SunPower TMAC Advanced Tracker Controller; real-time remote communications and control; astronomical tracking with backtracking
Tracking Range	+45 to -45 degrees
Drive System	Electric linear actuator, each driving up to 48 trackers (up to 177.6 kWp)
kWp per Tracker	3.5 to 3.7 kWp
Materials	Hot-dip galvanized steel, maintenance-free journal bearings
Dimensions, L x W x H, ft (m)	31.8 x 6.9 x 14.4 (9.7 x 2.1 x 4.4)
Maximum Wind Speed	Up to 110 mph (177 km/hr) 3-second gust
Ground Coverage Ratio	0.20 to 0.24
Codes & Standards	NEC, UL, ASCE
Warranty	Full system warranty with onsite service

SunPower Tracker technology is protected by US Patent 6,058,930. International Patents 1169604 (France, Portugal, Spain and UK) and 60015950.7 (Germany). Other US and/or international patents issued or pending may apply.

About SunPower

SunPower designs, manufactures and delivers high-performance solar electric technology worldwide. Our high-efficiency solar cells generate up to 50% more power than conventional solar cells. Our high-performance solar panels, roof tiles and trackers deliver significantly more energy than competing systems.