SUNPOWER™

SUNPOWER™ T0 TRACKER

MOST ENERGY DELIVERED PER ACRE

BENEFITS

Most Energy Per Acre
Produces the most energy per acre of any tracking system available today

Lowest Land Use
Requires up to 20% less land than conventional crystalline fixed tilt systems and up to 60% less than thin film

Fully Scalable
Scales easily from small to large multi-megawatt installations

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™ T0 TRACKER

In 2004, the 10-megawatt SunPower T0 Tracker installation at Germany's Bavaria Solarpark was the world's largest. Today, SunPower Trackers are the most proven ground systems on the planet, with more than 250 megawatts AC installed on three continents.

The SunPower T0 Tracker combines a revolutionary single-axis design with SunPower high-efficiency solar panels to deliver the most energy per acre of land. By minimizing shading and grouping trackers closer together, the T0 Tracker requires 20% less land than conventional crystalline fixed tilt systems and 60% less than thin film.

With a track record of consistently meeting or exceeding performance expectations worldwide, the SunPower T0 Tracker delivers the most energy with the least amount of land and maintenance required for a maximum return on investment.

SUNPOWER™

SUNPOWER™ T0 TRACKER

MOST ENERGY DELIVERED PER ACRE

PRODUCT SPECIFICATIONS	
Modules	SunPower 96-cell Solar Panels, SunPower 72-cell Solar Panels, or qualified third-party panels
Tracking Type	Single axis (with backtracking)
Control System	SunPower TMAC Advanced Tracker Controller; real-time remote communications and control; astronomical tracking with backtracking
Tracking Range	+45 to –45 degrees
Drive Type	Electric linear actuator, each driving up to 250 kWp
kWp per Tracker Block	Up to 250 kWp
Materials	Hot-dip galvanized steel, maintenance-free journal bearings
Dimensions per Tracker Block	Using SunPower 96-cell solar panels: East-West direction: 290 to 370 ft (88 to 113 m); North-South direction: 115 to 125 ft (35 to 38 m)
Maximum Wind Speed	Up to 110 mph (177 km/hr) 3-second gust
Ground Coverage Ratio	0.35 to 0.50
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.

SUNPOWER and the SUNPOWER logo are trademarks or registered trademarks of SunPower Corporation.
© November 2009 SunPower Corporation. All rights reserved. Specifications included in this datasheet are subject to change without notice.

sunpowercorp.com

Document # 001-56701Rev** /LTR_EN