



up to
6%
yield-gain

TeamTrack™

Asymmetric Backtracking. Tracker Position Control.



Single-Axis
Tracker

TeamTrack™ is part of comprehensive SF7 tracker position control that avoids inter-row shading in the early and late-day hours due to uneven terrain influences.

TeamTrack™ achieves up to 6% yield-gain over standard tracking.

- Tracker Control with no blind spots
- Yield-gain 3D modelling
- Project Cost Control
- SF7 Synergy

Yield-gain 3D Modelling

The TeamTrack™ 3D algorithm uses NREL sun-position data versus programmed constants of local irregularities to execute energy optimized backtracking position control, avoiding inter-row shading and achieving yield-gain.

Tracker control is simply configured with irregularity parameters that do not change with time or external influences in normal operation.

Project Cost Control

TeamTrack™ stands out from existing solutions that add equipment and feedback response mechanisms, that add cost and vulnerability.

TeamTrack™ enables cost reduction in earth-grading on contours and steps.

TeamTrack™ is zero maintenance and provides for hardware independent software update.

Tracker Position Control

TeamTrack™ is part of SF7 comprehensive tracker positioning control including sensors and response to cloud-cover, snow-cover, load level, and wind regime.

TeamTrack™ firstly assures secure tracker plant operation independent of external communications, and provides secure remote data communications.

SF7 Synergy

TeamTrack™ takes its place in SF7 synergies with site-dependent yield-gain of up to 6% that combines with other standard yield-gain elements on SF7:

- + 5% yield density over gap-trackers
- + 4% yield density over linked-trackers
- + Bifacial boost drop-in alternative
- + Up to 2% yield-gain on 120°+ tracking

SF7 Standard features also include:

- 46% less piles per MW
- 17% less parts count
- 58% less screw connections
- 30-second module fastening
- Superior self-powering with no auxiliary PV module
- Wireless, NFC, and TMS technology
- Double-wide access aisles

+5% MWh per hectare



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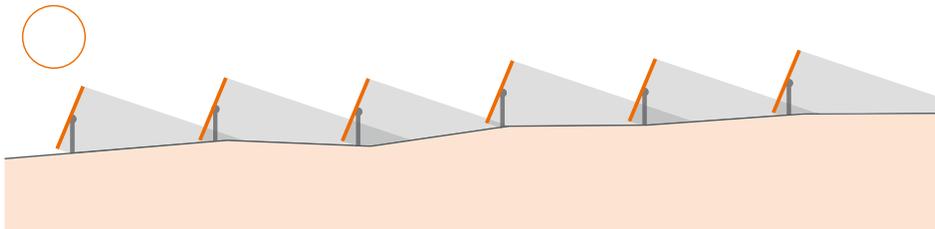
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Backtracking Optimization

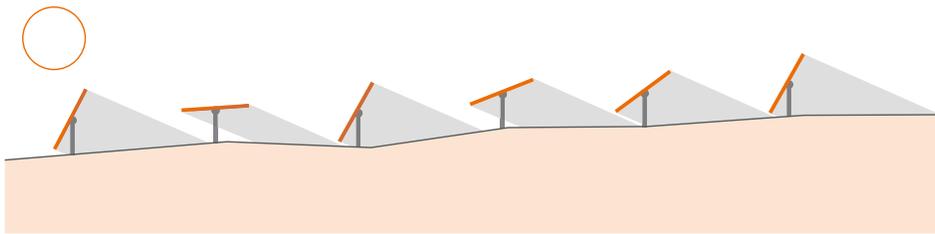


Single-Axis Tracker

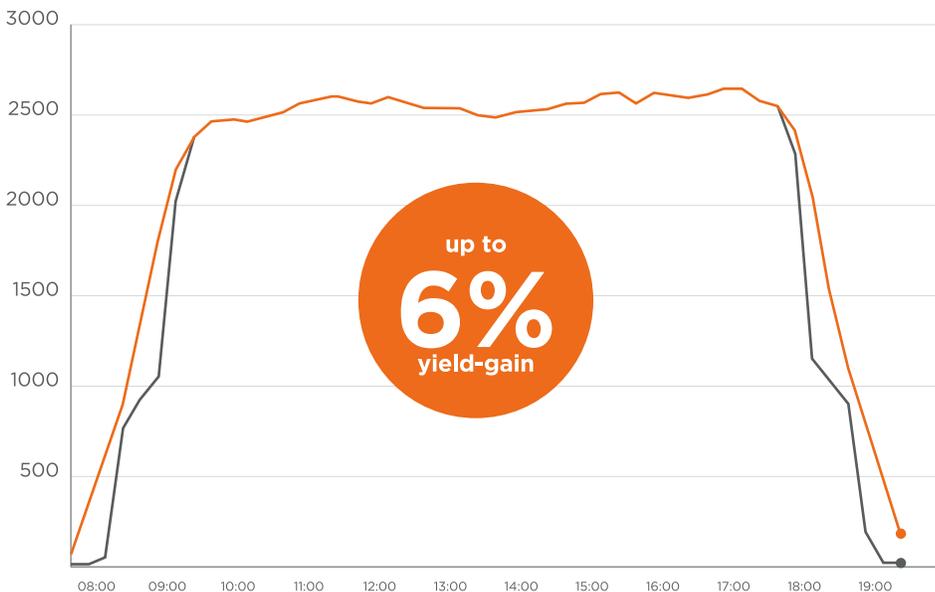
Standard tracking



Soltec TeamTrack™



- + TMS monitoring of tracker position angles
- + Target Command issues tracker position angle updates
- + TeamTrack™ layout parameters are uploaded to the system during commissioning
- + Inter-row shading is avoided, and yield-gain achieved



Soltec TeamTrack

Standard Tracking



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

ARGENTINA
 argentina@soltec.com
 +54 911 4889 1476

INDIA
 india@soltec.com
 +91 124 4568202

AUSTRALIA
 australia@soltec.com
 +61 2 8067 8811

CHINA
 china@soltec.com
 +86 21 66285799

SCANDINAVIA
 scandinavia@soltec.com
 +45 20 43 01 50

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