VOYAGER

FTCSOLAR
Engineering | Software | Tracker

The Next Evolution In Tracker Design From FTC Solar

Lowest Installed Cost

- Up to to 60% less posts
- Up to 20% less DC BOS cost
- Less than 300 man hrs/ MW to install

Optimized Bi-facial Performance

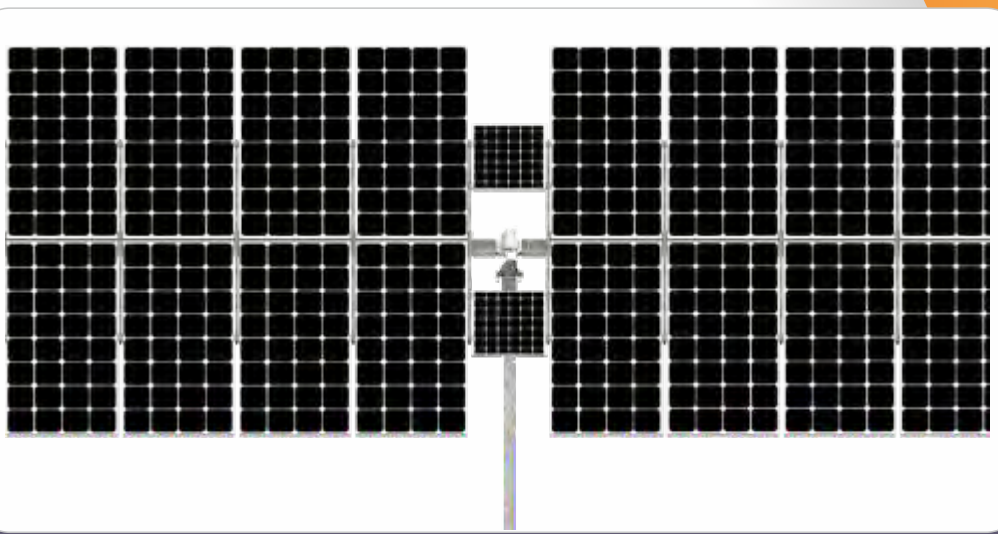
- Up to 0.5% yield improvement due to less backside shading and better albedo capture

Superior Design Flexibility

- 20%-60% GCR support
- 60m row provides layout compaction with more MWs/site

Designed for Reliability

- Hierarchy of row zone and site controllers provides communication and data redundancy
- Self-powered drive and control system with 3 day autonomy mitigates interruptions



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FTC SOLAR

VOYAGER TRACKER

PRODUCT

Module Configuration	- 104, 108, 112, 116 or 120 modules/row (C-Si or Bifacial) - 96 modules/row (FSLR Series 6) - 240 modules/ row (FLSR Series 4)
Tracking Range	-60° to +60° range of motion with backtracking
Tracking Drive Unit	24V DC self powered drive system with battery backup
Foundations	- 7 (std) or 9 posts per row, project-specific - W8 posts, length and weight project-specific
Certifications	UL 2703, 3703 and IEC EC 62817

CONDITIONS

Maximum Wind Speed	105 mph (std); 135 mph (configurable), per ASCE7-10
Maximum Snow Load	5 psf (std); 40 psf (configurable), per ASCE 7-10
Site Slope	Tolerances: N/S = 17.5% terrain following; E/W = no limit / customer defined
Operating Temperature	- 20° to +60° C
Ground Coverage ratio	20-60% GCR supported with adequate access pathways

VOYAGER CONTROLLER:
PRECISE CONTROL, ADVANCED ALGORITHMS, SECURE DATA

ROW-LEVEL CONTROL | ZONE-LEVEL CONTROL | SITE-LEVEL CONTROL

IN THE PALM OF YOUR HAND

The Voyager Smart Control System features:

Wireless mesh network offers communication redundancy

Bi- directional communication between row and zone controllers

Advanced performance analytics available

Site wind and temperature data available for site monitoring. Additional environmental sensors available.

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