

TracSmart+
System

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Revolutionary tracking control system

A revolutionary 3D backtracking control system
that combines direct and diffuse irradiance



gsolarsteel.com



[in @SolarSteel](https://www.linkedin.com/company/solarsteel)

Tracking Control System Datasheet



Complete autonomous system

Customers will have more autonomy to:

- Manage Operation & Maintenance (O&M) activities.
- Enter parameters and customize each tracker.



Customer-adaptive commissioning

CAPEX optimization: pre-commissioning and commissioning.



Customized positions

Selfcleaning, hail & snow and face to face cleaning position.



Interchangeable batteries

- Plug&play battery installation.
- OPEX saving / tracker.

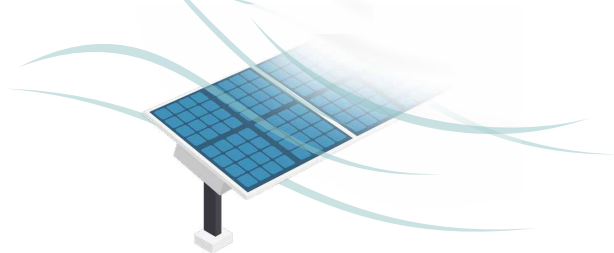


After-sales platform

- Customer area.
- Monitoring & Maintenance (M&M) and O&M
- Warranty extension.
- International spare parts hub.
- Integrated climate prediction system with project-specific wind alert notifications.
- Ticketing and RMAs.

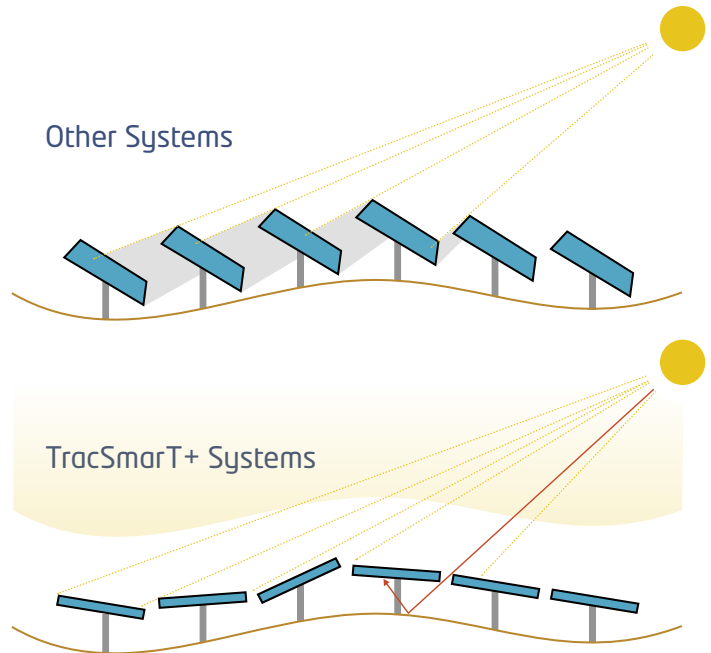
Istow & Directional-Istow: maximum structural wind protection

Maximum angle limitation adapted to wind speed.
Minimize stow position regarding the wind direction.



3D Backtracking Algorithm

Maximizes the production yield vs traditional backtracking methods.



Direct and difuse irradiance

Getting the best combination of direct and difuse irradiance to optimize the yield vs traditional tracking methods.

Developing new features: IA performance

- Predictive maintenance through data analysis.
- Integrated corrosion prediction systems.
- Automated cleaning position based on weather conditions.
- Closed-loop system associated with inverter production.
- Cybersecurity.
- Intelligent technical support platform.



Cyber security



Integrated scada



Plant monitoring, operation and maintenance



Cloud monitoring



Online technical support

