

SkyLine II

Independent Row 1P Tracker Single Axis Tracker, Multipoint Parallel Drive

FEATURES



Highest stability at ALL tilts



Horizontal stow position



Higher stow wind speed



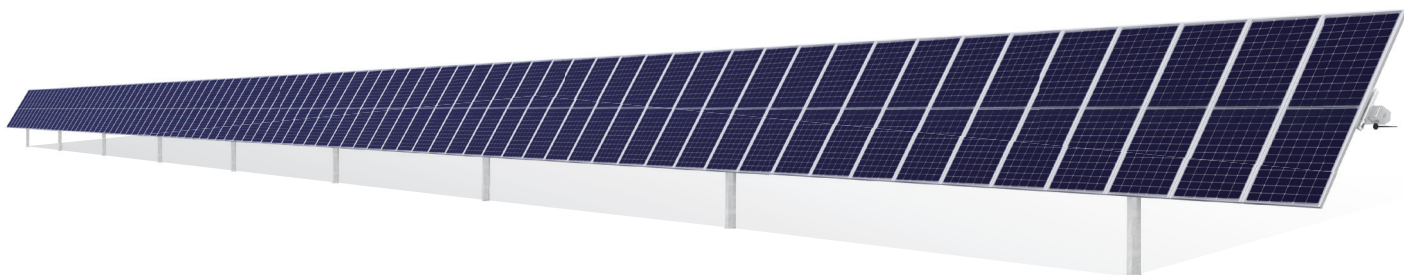
Easy to install



Synchronous multi-point drive



Optimized cost

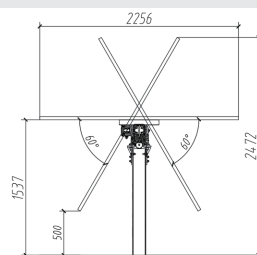


SKYLINE II TRACKER SPECIFICATIONS

Tracking Type	Independent horizontal single-axis tracker
Tracking Range	$\pm 60^\circ$
Drive Type	Synchronous multi-slew drive system with mechanical transmission
Modules per Tracker	Up to 120 modules per tracker
System Voltage	1,000 V or 1,500 V
Foundation Options	Ramming piles/Cast-in-place concrete piles/Concrete piles or ballasts
Structure Material	Hot dipped galvanized steel/Pre-galvanized steel/Zn-Al-Mg coated steel
Power Supply	Powered by PV strings, back-up Li-ion battery
Daily Energy Consumption	Typical 0.04kWh
Standard Design Wind Speed	Completely stable against wind induced torsional instabilities up to 70 m/s
Modules Supported	All commercially available modules
Operation Temperature Range	-20°C to 60°C (-30°C ~ 60°C is optional)

ELECTRONIC CONTROLLER SPECIFICATIONS

Control Algorithm	Astronomical algorithms + Tilt sensor closed-loop control
Tracking Accuracy	$\leq 2^\circ$
Backtracking	Support terrain adaptive intelligent algorithm
Communication Options	LoRa wireless/ RS 485 cable
Other Special Modes	Night position, snow and hail protection
Controller's Power Supply	String powered as default, AC and small panel under request
Flood Mode	Tracker flat (optional)
Snow Mode	Tracker at max tilt (optional)
Wind Stow Mode	Tracker flat



SkyLine II Side View Generic

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