



The Savanna™ Tracker

Dual-axis PV tracking at exceptionally low costs designed for conventional PV and CPV applications.

Savanna[™] is a completely new approach to dual-axis tracking, based on a simple, human-height, highly modular 'drop-in-place' frame, easily scaled to any project size.

Savanna™ eliminates many of the civil works and construction costs of solar installation, offering the higher returns of tracking, without the higher costs of traditional tracking platforms. The Savanna™ tracker has been tested in field deployments for over five years and has been proven to pass over 300 years of accelerated life testing, informing our 10 year standard warranty, optionally extended to the lifetime of the installation.

More kWh.

Using a tracking system to position solar panels directly on sun throughout the day boosts project yields. The Savanna™ dual-axis tracking system – which follows both the sun's daily east-west path, and seasonal changes in its elevation – increases yields by 25 to 40%, depending on location and the available solar resource.

Delivers peak power:

Generates more power earlier in the day, and during afternoon peak demands, than fixed PV – reducing the need for peaking power plants and in some jurisdictions, bringing peak rate adders for PV power generated during these periods.

Maximizes ROI:

Significantly reduces project payback times, and increases the overall return on investment (ROI). Simple, low cost installation.

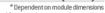


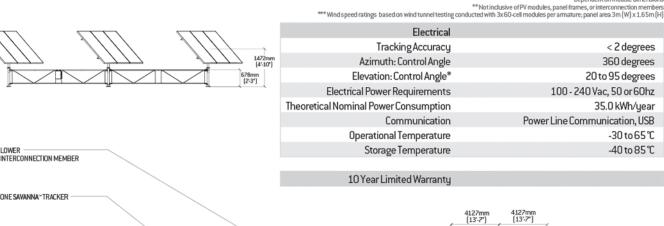


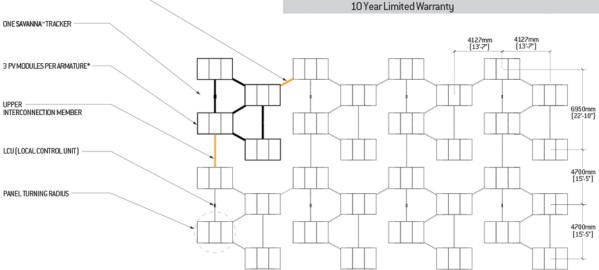


DUAL-AXIS PV TRACKER SPECIFICATIONS

Mechanical	Accepts 60- and 72-cell PV Modules
PV Modules Per Tracker*	12
Maximum PV Module Area Per Tracker	24m² (258 ft²)
TrackerWeight **	181 kg
Max. Operational Wind Speed***	56km/h (35 mph)
Max. Resistance Wind Speed***	80 km/h (50 mph)
Max. Wind Speed (In Stow Position)***	193 km/h (120 mph)
Tracker Frame Dimensions (LxW)	6950 x 4127 mm (22'-10" x 13'-7")
Panel Mount Height	1472 mm (4'-10")







LOWER

The Savanna™ dual-axis tracker boosts PV module yield by up to 25-40%, depending on project location. Each Savanna" tracks 8 to 12 PV modules - depending on module dimensions - following the sun within 2 degrees of tracking accuracy. The Savanna" drive train is field-proven and designed to require no maintenance over its lifetime. The diamond-shape footprint of the Savanna" boxframe staggers the PV modules to minimize shading. Accessways between rows of trackers allow maintenance vehicles to easily service each tracker.

With a panel mounting height of just over 1.5 metres, the foundationless Savanna™ tracker is human-scale and can be set up and serviced manually with simple hand tools — no cranes or other heavy equipment required. This flexibility allows developers to determine the optimal ratio of labour versus equipment, depending on relative costs in a given market, and enables installation in remote areas where equipment access may be constrained. A fully manual install, including populating the tracker with modules, would be expected to take a team of four installers less than one hour.

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