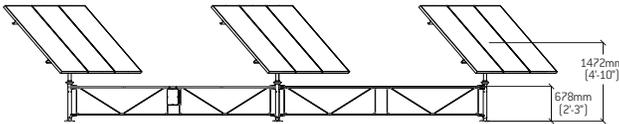
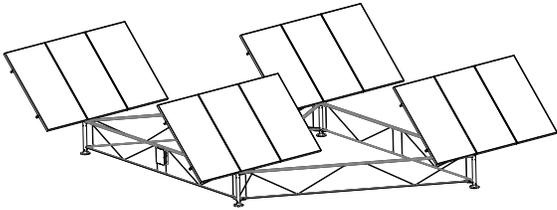


# Savanna™

## DUAL-AXIS PV TRACKER SPECIFICATIONS



Mechanical	Accepts 60- and 72-cell PV Modules
PV Modules Per Tracker*	12
Maximum PV Module Area Per Tracker	24m <sup>2</sup> (258 ft <sup>2</sup> )
Tracker Weight**	295 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 (L x W)	6950 x 4127 mm (22'-10" x 13'-7")
Panel Mount Height	1472 mm (4'-10")

\* Dependent on module dimensions  
 \*\* Not inclusive of PV modules or interconnection members  
 \*\*\* Wind speed ratings based on wind tunnel testing conducted with 3x60-cell modules per armature; panel area 3m (W) x 1.65m (H)  
 \*\*\*\* Dependent on input voltage and system specifications

Electrical	
Tracking Accuracy	< 2 degrees
Azimuth: Control Angle	355 degrees
Elevation: Control Angle*	20 to 95 degrees
Electrical Power Requirements	100 - 240 Vac, 50 or 60hz
Theoretical Nominal Power Consumption****	110 kWh/year
Communication	Power Line Communication, USB
Operational Temperature	-30 to 65 °C
Storage Temperature	-40 to 85 °C

10 Year Limited Warranty

LOWER INTERCONNECTION MEMBER

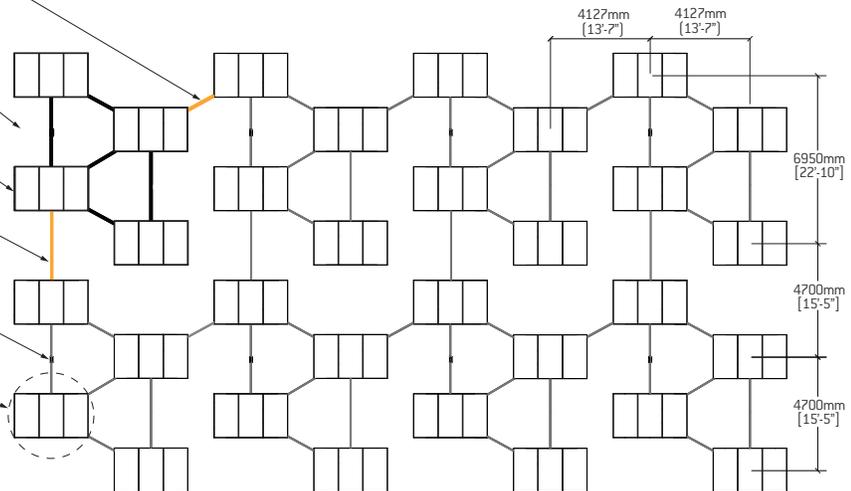
ONE SAVANNA™ TRACKER

3 PV MODULES PER ARMATURE\*

UPPER INTERCONNECTION MEMBER

LCU (LOCAL CONTROL UNIT)

PANEL TURNING RADIUS



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**.