



## SINGLE-AXIS TRACKER

With the Luma's "1P" formation, efficiency meets elegance with a single row of panels arranged in a portrait orientation. Its central axis gracefully aligns along the midpoint, ensuring optimal solar tracking performance.

## TRACKER FEATURES



NIGHT FLIP



OFF-SET  
INSTALLATION



ADJUSTABLE  
HEIGHT



ADJUSTABLE  
ARRAY LENGTH

## TRACKING

- Tracking Method Single-Axis, horizontal (N-S installation)
- Tracking Range  $-85^{\circ}$   $+85^{\circ}$  ( $-90^{\circ}$ ,  $+180^{\circ}$  With Night-Flip Mode)
- Backtracking Configurable to terrain
- Accuracy  $0.1^{\circ}$

## CONFIGURATION

- No. of Panels Up to 48/56 Modules per Array depending on module size
- Tracker Layout 2 Strings per Array (24/28 Modules depending on module size)
- Tracker Unit Up to 3 Arrays with 1 Controller
- Drive Type Slewing Drive with DC Motor
- Tracker per MWP Approx. 30 arrays

## PERFORMANCE

- Capacity per tracker Up to 35kWp (Depending on Panel)
- DC Motor Operating Voltage 24V / DC
- Performance Temperature Range  $-40^{\circ}\text{C}$  up to  $+70^{\circ}\text{C}$

## INSTALLATION TOLERANCES

- N-S Slope  $11^{\circ}$
- Pole Height  $\pm 25\text{mm}$
- Pole plumb  $\pm 1^{\circ}$
- Pole Twist  $\pm 2^{\circ}$

## DIMENSIONS

- Length 64m / 210 ft
- Width 2.4 m / 7.9 ft
- Height 1.6 m / 5.2 ft

## ADDITIONAL FEATURES

- Monitoring Real Time Documentation
- Over Current Protection Yes
- Motor Torque Control Yes
- Remote Control Yes
- Warranty Up to 20 Years

