KSI

LUMA

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

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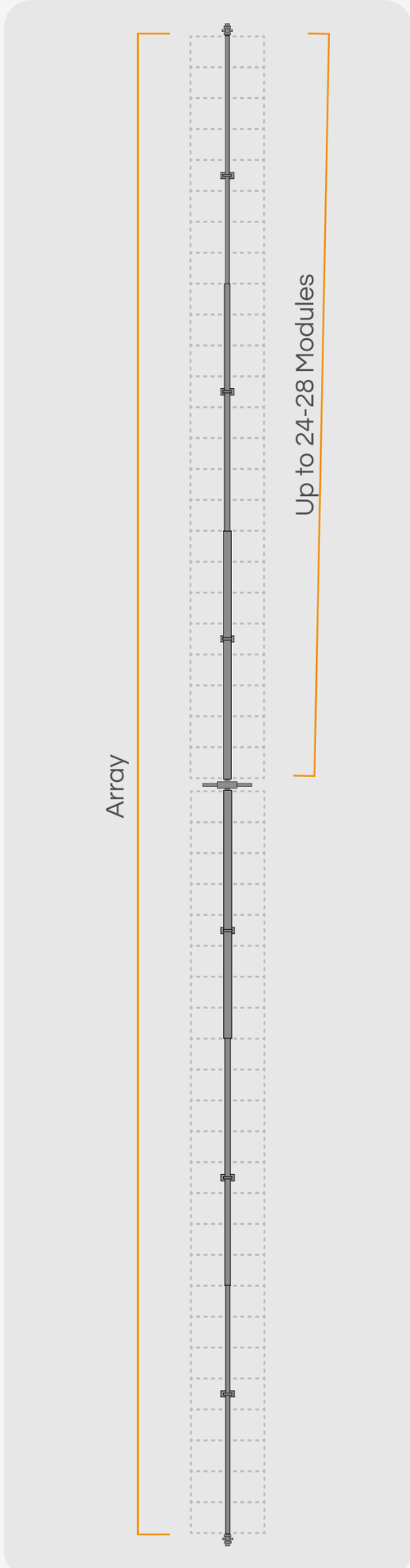
TRACKING

Tracking Method	Single-Axis, horizontal (N-S installation)
Tracking Range	-85° +85° (-90°, +180° With Night-Flip Mode)
Backtracking	Configurable to terrain
Accuracy	0.1°

INSTALLATION TOLERANCES

N-S Slope	11°
Pole Height	+/- 25mm
Pole plumb	+/- 1°
Pole Twist	+/- 2°



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

DIMENSIONS

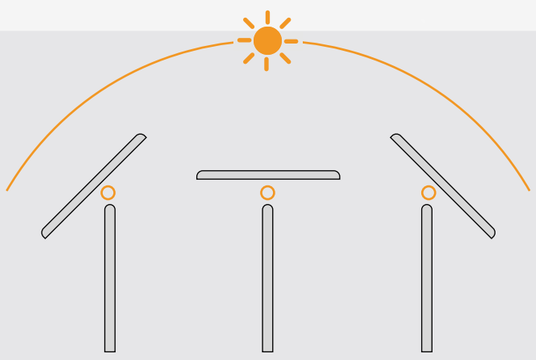
Length	64m / 210 ft
Width	2.4 m / 7.9 ft
Height	2.4 m / 7.9 ft

PERFORMANCE

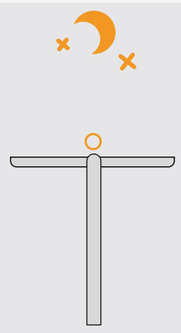
Capacity per tracker (Depending on Panel)	Up to 35kWp
DC Motor Operating Voltage	24V / DC
Performance Temperature Range	-40°C up to + 70°C

ADDITIONAL FEATURES

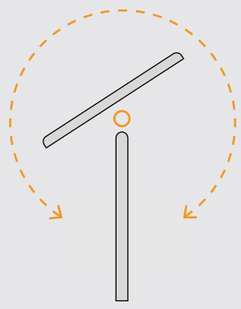
Monitoring	Real Time Documentation
Over Current Protection	Yes
Motor Torque Control	Yes
Remote Control	Yes
Warranty	Up to 20 Years



Daily Tracking



Night-Flip



Full Control

DESIGNED IN EU

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