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SINGLE-AXIS TRACKER

Veon elevates solar tracking with its “2P” formation, featuring two rows of panels in portrait orientation. With its central axis located between these two rows, this system offers enhanced energy capture and maximum production.

TRACKER FEATURES



NIGHT-FLIP



OFF-SET
INSTALLATION



ADJUSTABLE
HEIGHT



ADJUSTABLE
ARRAY LENGTH



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°

CONFIGURATION

- No. of Panels Up to 52 modules per array
- Tracker Layout 2 portrait (2 section up to 26 modules per section)
- Tracker Unit 2 Arrays with 1 Controller
- Drive Type Slewing Drive with DC Motor
- Tracker per MWP Approx. 15 (30 arrays)

Two arrays are mechanically independent, but each SolTrk controller manages 2 arrays

PERFORMANCE

- Capacity per tracker Up to 100 kWp (Depending on Panel)
- DC Motor Operating Voltage 24V / DC
- Performance Temperature Range -40°C up to + 70°C

INSTALLATION TOLERANCES

- N-S Slope 6°
- Pole Height +/- 25mm
- Pole plumb +/- 1°
- Pole Twist +/- 2°

DIMENSIONS

- Length 32 m / 104 ft
- Width 4 m / 13 ft
- Height 2.2 m / 7.4 ft (Standard at 0°)

ADDITIONAL FEATURES

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

