

V

E

O

N

SINGLE-AXIS TRACKER

Veon elevates solar tracking with its “2P” formation, featuring two rows of panels in portrait orientation. Due to its structure set-up, Veon is extremely balanced and allows lower energy consumption while tracking.

TRACKER FEATURES



NIGHT-FLIP



OFF-SET
INSTALLATION



ADJUSTABLE
HEIGHT



ADJUSTABLE
ARRAY LENGTH

TRACKING

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

CONFIGURATION

- No. of Panels Up to 48 modules per array
- Tracker Layout 2 portrait (2 section up to 24 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 35 kWp (Depending on Panel)
- DC Motor Operating Voltage 24V / DC
- Performance Temperature Range -40°C up to $+70^{\circ}\text{C}$

INSTALLATION TOLERANCES

- N-S Slope 6°
- Pole Height $\pm 25\text{mm}$
- Pole plumb $\pm 1^{\circ}$
- Pole Twist $\pm 2^{\circ}$

DIMENSIONS

- Length 32 m / 104 ft
- Width per Panel 2,4 m / 7,8 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

