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N-TX

SINGLE-AXIS TRACKER

Engineered to follow.
Built to lead.

KSI's new Veon-TX tracker introduces innovative TFT (Tracker Following Terrain) technology, making it possible to be installed on all kinds of terrain, while the module arrangement in "2P" ensures maximum energy production, even in uneven landscapes.

TRACKER FEATURES



FIT FOR
AGRIVOLTAICS



OFF-SET
INSTALLATION



ADJUSTABLE
HEIGHT



ADJUSTABLE
ARRAY LENGTH



TERRAIN FOLLOWING
TRACKER



TRACKING

- Tracking Method Single-Axis, horizontal (N-S installation)
- Tracking Range $\pm 60^\circ$
- Backtracking Configurable to terrain
- Accuracy $0.1^\circ - 0.25^\circ$ on azimuth

CONFIGURATION

- No. of Panels Up to 18 PV modules with form factor 1.3m x 2.4m per sub-unit
- Tracker Layout Maximum of 8 sub-units with maximum length of 100m per array
- Tracker Unit 2 Arrays with 1 Controller
- Drive Type Slewing Drive with DC Motor
- Tracker per MWp Approx. 10 arrays with form factor 1.3m x 2.4m (700Wp module)

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

PERFORMANCE

- Capacity per tracker Up to 200 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 Up to 35°
- Max. Angle between Sub-Units 3°
- Max. Offset Allowed 25° from N/S axis

DIMENSIONS (PER SUB-UNIT)

- Length Up to 12 m
- Width Up to 4.8m
- Height 2.20m - 4.4m (rotation axis)

ADDITIONAL FEATURES

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

