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DUAL-AXIS TRACKER

KSI's Dual-Axis Tracking system represents the pinnacle of solar power generation technology. The PV modules are mounted on an elevated platform and follow the Sun's trajectory across both the East-West & North-South axis Throughout the day. This cutting-edge system harness the power of intelligent software and precise rotational control to maximise solar energy capture

The **DA_60**, a cornerstone of reliability and durability in solar tracking technology, renowned for its robust build quality, it has been installed thousands of times across the globe and has proven to consistently deliver exceptional performance.



COMPONENTS

○ control Unit	Astronomical with RS 485 interface
○ Steel Construction	Hot dip galvanised according to DIN EN 1461
○ Azimuth	Electromechanical Slew Drive
○ Elevation	Electromechanical Linear Actuator

PERFORMANCE

○ Capacity of PV Generator	Up to 14 kWp (Depending on panel type)
○ Operating Voltage	24V DC
○ Nominal Power	Max. 110 W
○ Angular Range	270° (Azimuth), 70° (Tilt)
○ Tracking Tolerance	0.1°

PERFORMANCE

○ Power Capacity	14 kWp
○ Number of PVs	32 panels
○ Single Panel Dimensions (w x h)	1130 x 1750 mm/ + inches
○ Total Panel Surface	63 m²
○ Total System Dimensions	9 x 7 m

(without cables)

SAFEGUARD

○ Wind Alert Speed [Stow Position]	≥ 13 m/s
○ Protection	IP 54 / 65
○ Standard Operation Voltage	≤ 12/24V / DC
○ UPS System	18 - 100 Ah"

(depending on battery and cables)

DIMENSIONS

○ Gross Surface Area	up to 65 m²
○ Sub-Structure Size	7 x 6.4 m

(without cable rails, with respect to min. installation height)

○ Min. Installation Height	0.5 m
○ Weight	Approx 670 kg/1477 lb

(with 14 m² mono-crystalline panels)

ADDITIONAL FEATURES

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

