



AXIAL tracker

SMART DESIGN. ADVANCED SAFETY

WITH BLOCKING SYSTEM



THE **SMART** CHOICE
www.axialstructural.com

TECHNICAL DATASHEET

BASIC SPECS

- TRACKING SYSTEM:** HORIZONTAL AXIS E-W
- COMMUNICATION:** ZIGBEE / RS485
- TRACKING RANGE:** $\pm 55^\circ$
- DRIVE SYSTEM:** ENCLOSED SLEWING DRIVE DC MOTOR, 24 (24VDC)
- POWER SUPPLY:** SELF POWERED AS STANDARD / GRID POWERED FOR LOW TEMPERATURES
- INDEPENDENT ROWS:** YES
- SOLAR ALGORITHM:** NREL SPA

CALCULATION CRITERIA

- GROUND CLEARANCE:** 0,5 m. (55°) - 2,26 m. (0°) AS STANDARD
- WIND RESISTANCE:** 50 Km/h ($\pm 55^\circ$) / ACCORDING TO LOCAL REGULATIONS FOR STOW POSITION
- SLOPE NORTH-SOUTH:** 8,7% AS STANDARD / 15% OPTIONAL
- SLOPE EAST-WEST:** ILLIMITED
- TEMPERATURE RANGE:** 0° + 55° SELFPOWERED MODE / -40° + 50° GRID POWERED MODE
- FOUNDATION SYSTEMS:** RAMMING AS STANDARD

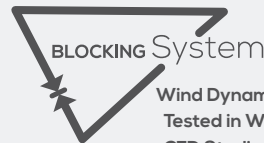
DIMENSIONS

CONFIGURATIONS*

	LENGTH	WIDTH
2VX28	28,7 m.	4 m.
3HX20	39,45 m.	3 m.

WARRANTY

- SLEWING DRIVE:** 5 YEARS
- ENGINE:** 5 YEARS
- ELECTRONICS:** 5 YEARS
- BATTERY:** UP TO 10 YEARS
- STRUCTURAL WARRANTY:** UP TO 25 YEARS
- CORROSION WARRANTY:** UP TO 25 YEARS



Wind Dynamics Studies
Tested in Wind Tunnel
CFD Studies



Sistema de Gestión
ISO 9001:2015

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Factory
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