

TECHNICAL DATASHEET

AXIAL

tracker

SMART DESIGN. ADVANCED SAFETY

WITH BLOCKING SYSTEM



THE **SMART** CHOICE

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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: 8,5 % N-S SLOPES STANDARD TRACKER / 15 % N-S MAX SLOPES REINFORCED TRACKER
 SLOPE EAST-WEST: UNLIMITED
 TEMPERATURE RANGE: $0^\circ + 55^\circ$ SELFPOWERED MODE / $-40^\circ + 50^\circ$ GRID POWERED MODE
 FOUNDATION SYSTEMS: RAMMING AS STANDARD

DIMENSIONS

CONFIGURATIONS*

2VX28	28,7 m.	4 m.
3HX20	39.45 m.	3 m.

* Available in other configurations

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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EN 1090-1
 Factory Production Control

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