

AXIAL

tracker

TECHNICAL DATASHEET
MLH

SMART & ADAPTATIVE

The smartest option for designing the PV Plants of the future

www.axialstructural.com



Sistema de
Gestión
ISO 9001:2015

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AXIAL tracker

TECHNICAL DATASHEET

MAIN FEATURES

Tracking System: Horizontal Axis E-W

Communication: Zigbee (ZB) - RS485 (RS) - Bluetooth (BT)

Tracking Range: $\pm 55^\circ$

Ground Clearance: 0,5m. (55°) - 1,8m. (0°)

Drive System: Enclosed Slewing Drive DC Motor, 24 (24vdc)

Power Suply: Self Powered (SP) - Parasitic System (PS) - External Source (ES)

Wind Resistance: 50 km/h ($\pm 55^\circ$) / 140 km/h (0°)

Independent Rows: Yes

Slope North-South: 8,7%

Slope East-West: Illimited

Temperature Range: -20° $+55^\circ$ (PS - ES) / 0° $+55^\circ$ (SP)

Foundation Systems: Ramming - Ground Screw - Micropiles

Dimensions:

3Hx20 3,45m. - 3m.

INSTALLATION & MAINTENANCE OPTIONS

Own Installation: Yes -100%

Supply & Technical Assitance: Yes

Maintenance:

Maintenance Service

Cleaning Mode

Self-Lubricating Bearings

WARRANTY

Slewing Drive: 5 years

Engine: 5 years

Electronics: 5 years

Batery: 5 years

INNOVATION & SMART DESIGN IN SOLAR TRACKING

EASY ASSEMBLY

SELF POWERED SYSTEM

LOW CONSUMPTION

HIGH TERRAIN ADAPTABILITY

LOW MAINTENANCE

TECHNICAL RELIABILITY

ENGINEERING FROM THE PROCESS DEVELOPMENT

OWN MANUFACTURE & INSTALLATION

O & M

AXIAL STRUCTURAL SOLUTIONS
HEADQUARTERS

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