

AlphaTracker

TECHNICAL DATASHEET
AGROVOLTAIC
TRACKER 1P



SUSTANTIBLE ENERGY



CATLE PASTURES



WATER SAVING



**NO DESTRUCTION
AGRICUTURAL JOBS**



CROP PROTECTION



**INCREASE LAND
EFICIENCY**



TECHNICAL SPECIFICATIONS

Material	S355JR, S275JR y S350GD
Superficial coating	HDG, ZM310
Foundation	Direct drive, Predrilling, Spinnaker type
Screws	Zinc-Níquel, HDG, Others
Modules fixing	Screws, clamps or Rivet
Terrain adaptation	The structure design are based in the terrain features
Tilt	$\pm 65^\circ$ (possibility of increasing to $\pm 90^\circ$)
Calculation and design	According to Client specification and the terrain use
Maximum height of the Tracker	6 meters (approximately)
Structural Pitch	According to the ubication and technical specification
Module compatibility	Adaptable to any type of module
Axis orientation	N-S
Module orientation	E-O
Poles distance N-S	11 meters maximum
Poles distance E-O	14 meters maximum
Tracker power supply	Self/grid powered or string parasite
Communication between tracker	Zigbee Wireless communication (Modbus RTU)
Slewing unit	DC motor

TOLERANCES

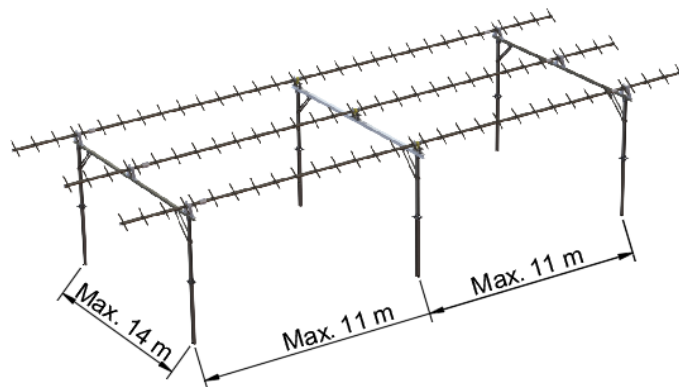
Horizontal ramming tolerance N-S	± 10 mm
Horizontal ramming tolerance	± 17 mm
Vertical ramming tolerance	± 20 mm
Twist ramming tolerances	$\pm 4^\circ$
Ground slope adaptability	To $\pm 15^\circ$

WARRANTY

- 10 years structure warranty
- 25 years corrosion warranty

OPCIONALS SERVICES

- Assembly supervision
- Pull Out Test supervision
- Technical Support



AGROTRACKER 1P

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Sustainable design for a better future

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