



## GENERAL FEATURES

- Maximal surface solar panel area: 80 square meters
- Building structure in galvanized steel according to the EN ISO 1461 norm
- Motion acting around two axes:

Azimuth:  $-135^{\circ}$  a  $+135^{\circ}$

Zenith:  $0^{\circ}$  a  $85^{\circ}$

- CE marking in progress
- Prepared for a highly accurate solar trajectory following
- Positioning system based on common astronomic calculations
- Control system based on industrial automation
- Easy mounting system
- Easy transportation
- Very solid solution

## TECHNICAL FEATURES

Solar tracker based on	2 axes system: azimuth and zenith
Configuration	Configuration: up to 40 m <sup>2</sup>

### Distribution of the modules / maximum quantity

<b>HORIZONTAL MODULE: 7 columns x 7 rows.</b>	<b>VERTICAL MODULE: 12 columns x 4 rows</b>
The number of modules needed is just indicative, depending on the selected model. For a maximum use of the surface area, the panels can be installed either in the vertical or horizontal position.	

Structure materials	Galvanized steel S275JR according to EN ISO 1461 norm
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Axis	AZIMUTH	ZENITH
Field	from -135° to +135°	from 0° to 85°
Type of trigger	Crown with the result of Parallel Axis	Linear actuator
Engines characteristics	180w Triphasic	90w Triphasic
Safety	Controlled through software and physical end of ranges	
Electrical cabinet	Power supply voltage	220V AC
	Electric characteristics	IP 65
	Connectivity	Quick plug (IP67) with a single position
Safety position	Configurable. Top speed 60 km/h	
Anemometer	Included	
Weight of the structure without the modules	Approximately 2700 kg	
Cementation	Guidance on request	

