

# debasol

SOLAR POWER

## Solar TRACKER

Single Axis/54 m<sup>2</sup>  
Suntrack Mod. 512



- ▣ Calculated for winds to 105 km/h.
- ▣ Automatic azimuthal turn (yaw) by means of slewing of bearings driven by electric gearmotor-reducer set.
- ▣ Guaranteed corrosion resistance of metal parts protection with hot-dip galvanizing.
- ▣ Sun tracking system with a maximum deviation angle of 2° from sun position.

## Technical Parameters

### Size:

H1 (mm)	6046
H2 (mm)	3450
A1 (mm)	8712
A2 (mm)	6682
a (°)	45°
Surface area (m <sup>2</sup> )	54 <sup>(1)</sup>

### Mechanical:

Azimuthal turn (yaw) gearmotor power consumption (kW)	0,25
Azimuthal turn (yaw) speed (rpm)	0,5
Zenithal movement (pitch) gearmotor power consumption (kW)	-
Azimuthal movement (pitch) speed (rpm)	-
Weight (kg)	1900

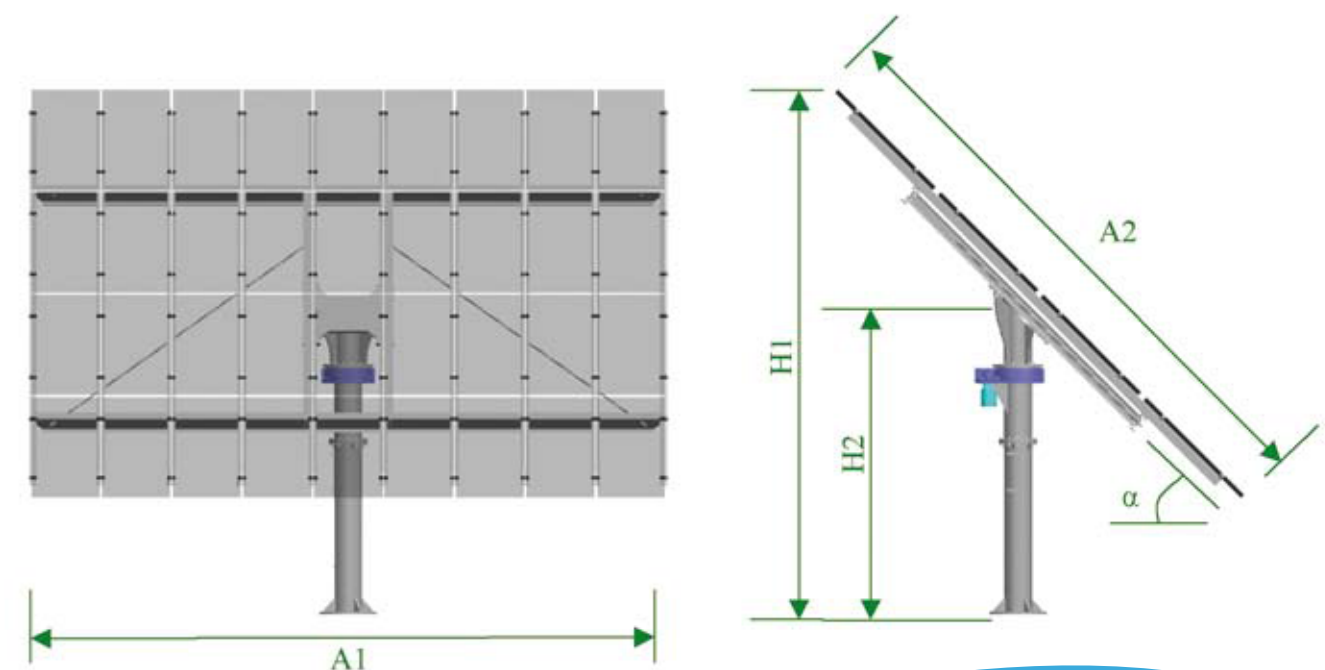
### Typical Foundation:

Concrete pad size (m)	2,5x2,5x1,10 <sup>(2)</sup>
Anchorage	10xØ20

### Transport

Volume (m <sup>3</sup> )	2,7 <sup>(2)</sup>
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- (1) Each solar tracker is manufactured according to the number of solar modules to be built in, so the panel surface area indicated is a maximum orientative value.
- (2) The size specified for the foundation is a typical value as well, so the correct size must be calculated for each specific location.



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