



Product Specifications Solar Dish

Technical characteristics	Quantity	Unit
Solar Sensors Modules		
Open Voltage		76 Voc
Nominal Voltage		64 Vmpp
Nominal current		50 A Impp
Power electric		3,2 KW Pmpp
Power thermal		6 KW
Length		12,7 cm
Width		17,8 cm
Thickness		3,4 cm
Technology		GalnP/GaAs/Ge on Ge substrate
Cell Type		Triple junction Cell
active aera		11,77 cm x 12,1 cm
Inverter		
Off Grid Inverter		1 or 3 Phase
Feed In Inverter		1 or 3 Phase
Electrical Efficiency		91 %
Mirror Parts		
Concentrator diameter		2.2 m
Average concentrating factor		> 1000
Reflection Material		foil
Reflectivity		94 %
Screw		
Material		Stainless steel (A2)
Mirror Frame		
Material		Steel painted
Tracking System		
Tracking Drive		Azimet and elevation
max. azimuth angle		270°
max. elevation angle		90°
Power for drives		24V DC 30W
Solar Dish		
Total weight		250 Kg
ground space		1.6m x 1.6m
total clearance		3.3 m diameter
electrical efficiency		32 % x700 sun
thermal efficiency		79 %
macx. operating windspeed		65 km/h
survival windspeed in saleep position		160 km/h
warm up time		1m