



# TECHNICAL DATA – 10KW



<b>Rotor Diameter :</b>	8M
<b>Number of blades :</b>	3
<b>Material of blades :</b>	Glass fiber reinforced plastic
<b>Height from ground to rotor center :</b>	12 Meters
<b>Pillar material :</b>	Steel, 12" diameter, 3 pieces
<b>Output power :</b>	10,000 Watts
<b>Maximum exploration power :</b>	12,000 Watts
<b>Electromotor :</b>	Permanent – Magnet Electromotor
<b>Generator output :</b>	220V/60 Hz, AC
<b>Start up wind speed :</b>	3 M/S
<b>Rated wind speed :</b>	9 M/S
<b>Rated rotating speed :</b>	200 RPM
<b>Utilized coefficient of wind power :</b>	0.42
<b>Operating Temperature :</b>	+/- 40°C
<b>Speed adjustment :</b>	Deflected empennage
<b>Height from ground to rotor center :</b>	1380 Kg

**\*Designed with excess speed protection**

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