



PARS-PMG-2200

Electrical Properties

Rated Output Power (W):	2200
Rated Speed (RPM):	428.5
Nominal Voltage (V):	120
Nominal Torque (N.m):	59
Efficiency (%):	86
Maximum Output Power (W):	2500
Nominal Phase Voltage (V):	116.7
Nominal Phase Current (A):	6.47
Short Circuit Current (A):	38
Pinking Torque (mN.m):	296.4
Armature Phase Resistance (Ohm):	1.26
Generator Configuration:	3 Phase Y Connection AC Output
Working Temperature (°C):	75
Magnetic Shaft:	No

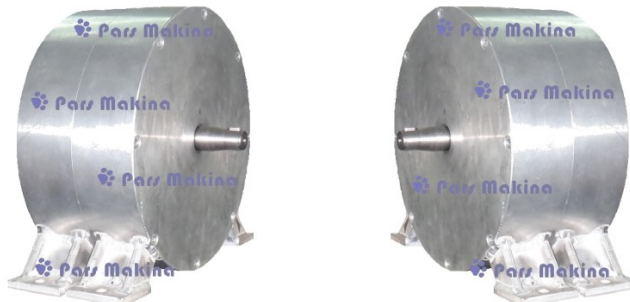
Mechanical Properties

Weight (Kg):	30
Starting Torque (N.m):	0.63 (<0.7)
Rotor Inaction (Kg.m ²):	0.066
Rotor Position:	Inside
Guarantee:	2 Year
Manufacturing per Month:	25 - 300
Design Life:	>15 Year
Cable Length (mm):	500
Insulation:	Class H

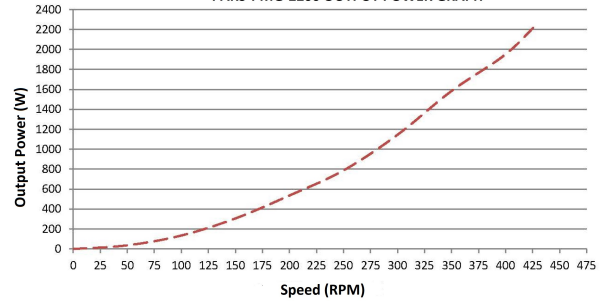
Material Properties

Shaft Material:	High Standard Stainless Steel
Shaft Bearing Type:	High Standard SKF/NSK Bearing
Out Frame Material:	High Standard Aluminium Alloy
Note: The full heat treatment of TF/T6 made to increase the performance of aluminium alloy is as follows: The alloy is kept in water at 525-545 °C for 4-12 hours and at 155-175 °C heat treatment is performed for 8-12 hours.	
Connectors (Nut/Bolt):	High Standard Stainless Steel
Magnet Operating Temperature (°C):	350

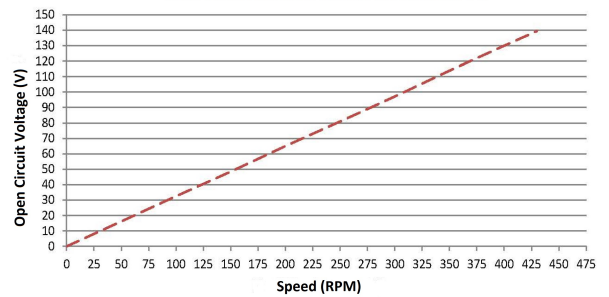
NOT: PARS-PMG-2200 is safely used as a generator in all required power generation facilities, especially wind turbines, hydroelectric power plants and stand-alone power generation systems and as motor in industrial applications.



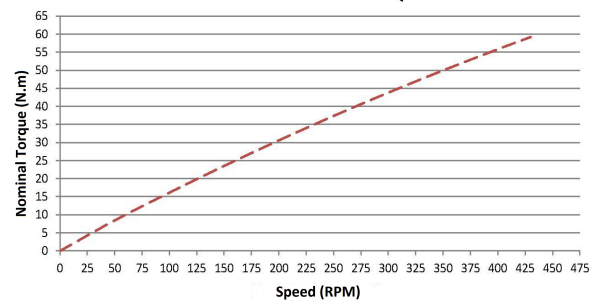
PARS-PMG-2200 OUTPUT POWER GRAPH



PARS-PMG-2200 OPEN CIRCUIT VOLTAGE GRAPH



PARS-PMG-2200 NOMINAL TORQUE GRAPH



PARS-PMG-2200 EFFICIENCY GRAPH

