

Technical Specification for 5 KW, 500 RPM, 415VAC, Three Phase Wind Turbine Alternator.

Sl. No.	Description	Parameter
01.	Rated Power	5 KW
02.	Rated rotate speed	500 RPM
03.	Number of Pole	12 Pole
04.	Rated Voltage	415 Volts (Three-phase)
05.	Power Factor	0.90
06.	Rated Amp	7.7 Amps
07.	Frequency	50 Hz
08.	Insulation Class	H Class
09.	Working Temperature	-30°C to 80°C
10.	Starting Torque	1.3 NM
11.	Rated Torque	91 NM
12.	Magnet Type	NdFeB
13.	Warranty	24 Months
14.	Type	Foot Mounting/ Flange Mounting
15.	Generator shell material	Cast Iron
16.	Winding material	100% Copper
17.	Shaft material	EN8
18.	Bearing Brand	SKF
19.	Efficiency	More than 90%
20.	Protection	IP54

