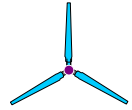




SEO YOUNG TECH. CO., LTD.

Renewable Energy Devices



Model-SYG-208-B-600-500(ver.3) AFPMG For VAWT and HAWT

No.	Parameter	Symbol	units	
1	Rectified DC Voltage	E	V	24
2	Gen. Output Voltage			AC (3Phase)
3	Rotor			Permanent magnet type (outer rotor)
4	Stator			Coreless type
5	Output Power	P _o	W	600
6	Rated speed	ω	rpm	500
7	Speed Constant	K _E	V/krpm	53
8	Resistance(Line-Line)	R _T	Ω	0.13
9	Maximum Winding Temperature	C _{Max}	°C	130
10	Number of Pole	-	-	20
11	Winding type	-	-	Wye
12	Gen. Weight	W _M	kg	11
13	Gen. Diameter	M _D	mm	245
14	Gen. Length	M _L	mm	116
15	Shaft. Diameter	M _D	mm	30
16	Housing Material	-	-	Aluminum (Alloy)
17	Shaft Material	-	-	Steel
18	Shaft Bearing	-	-	6006 2ZR 3EA, 6006 2RSR 1EA

APPLICATION – Small Wind Turbine, Hydro Power, etc.

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