



Model-SYG-245-B-1000-400_(ver.3) AFPMG For 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
5	Output Power	P _o	W	1,000
6	Rated speed	ω	rpm	400
7	Speed Constant	K _E	V/krpm	70.7
8	Resistance (Line-Line)	R _T	Ω	0.087
9	Maximum Winding Temperature	C _{Max}	°C	130
10	Number of Pole	-	-	20
11	Winding type	-	-	Wye
12	Gen. Weight	W _M	kg	18
13	Gen. Diameter	M _D	mm	272
14	Gen. Length	M _L	mm	93
15	Housing Material	-	-	Aluminum (Alloy)
16	Shaft Material	-	-	Steel
17	Shaft Bearing	-	-	6009 2ZR 1EA, 6009 2RSR 1EA
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APPLICATION – Small Wind Turbine, Hydro Power, etc.

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