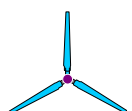
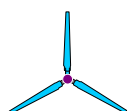
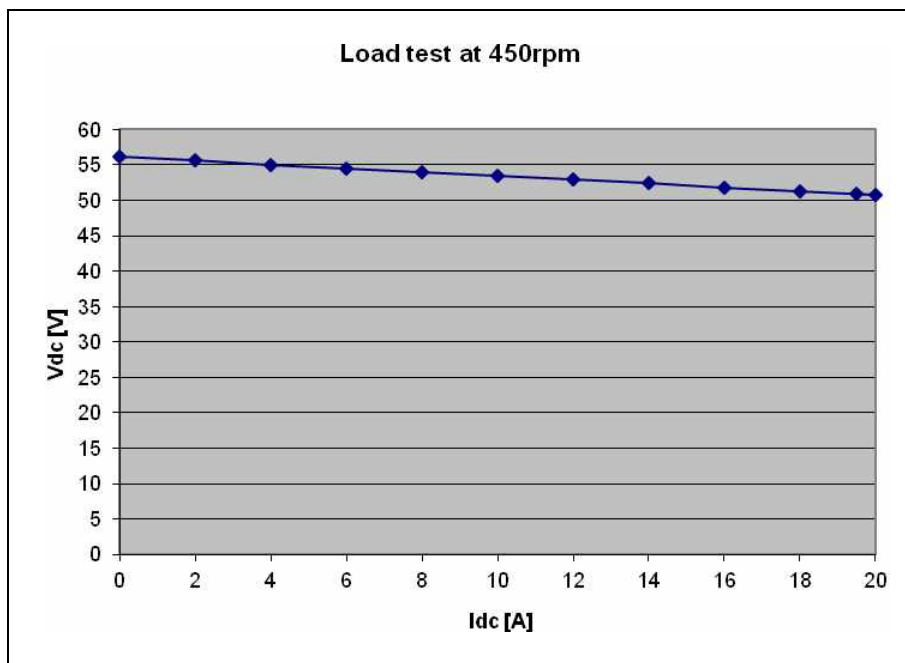
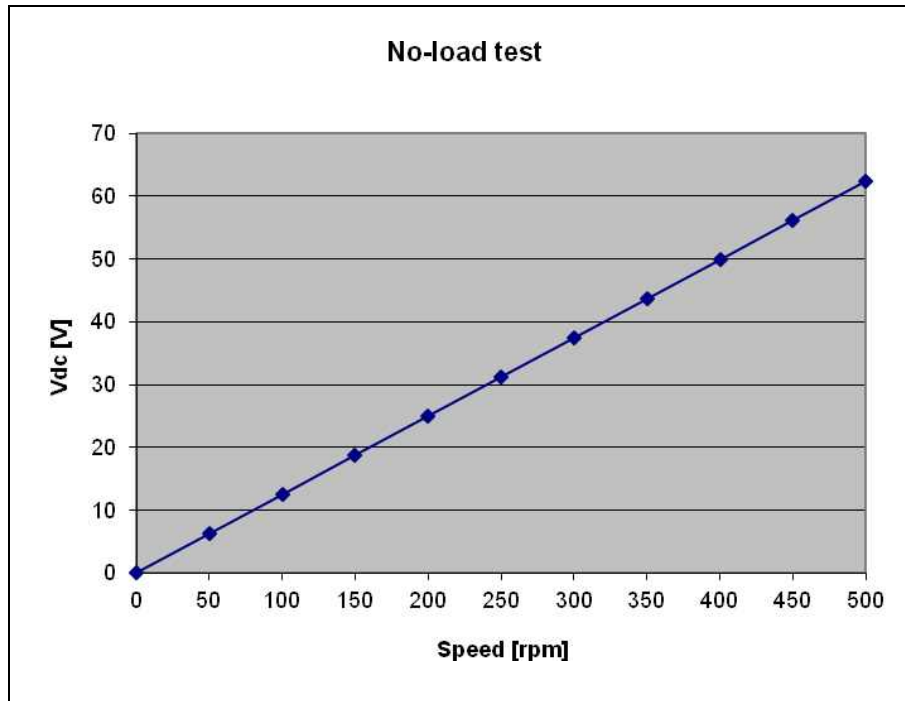
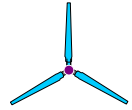


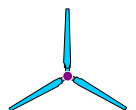
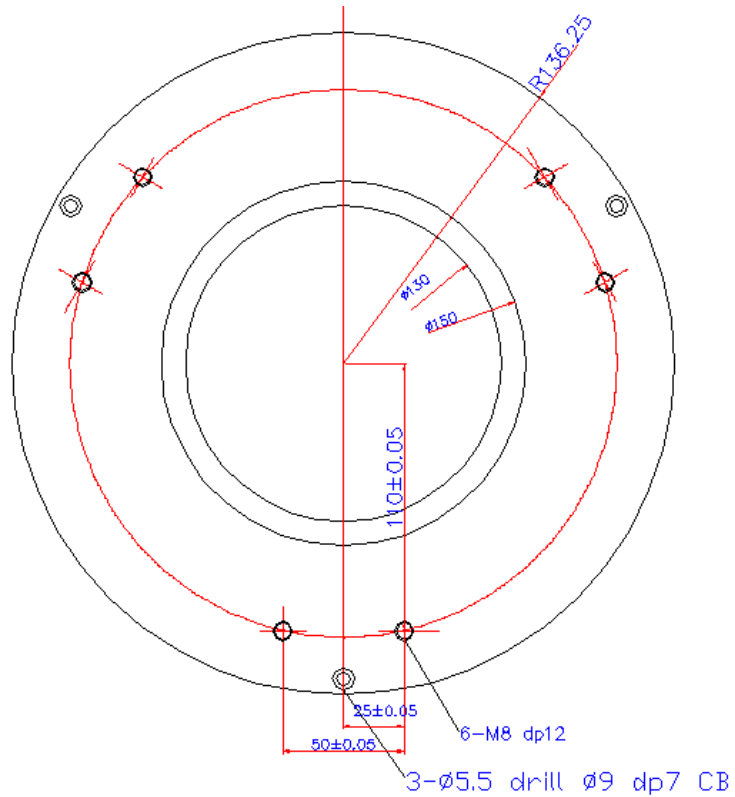
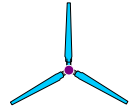
## Model-SYG-245-D-1000-450<sub>(ver.3)</sub> AFPMG For HAWT

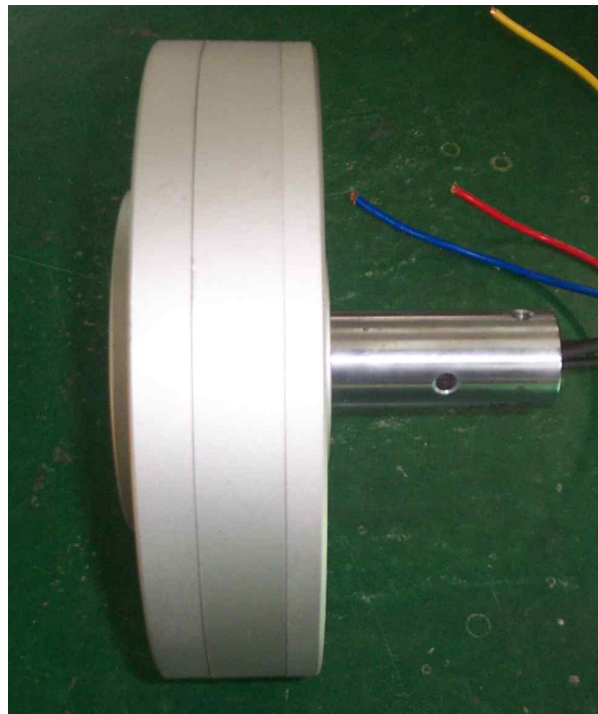
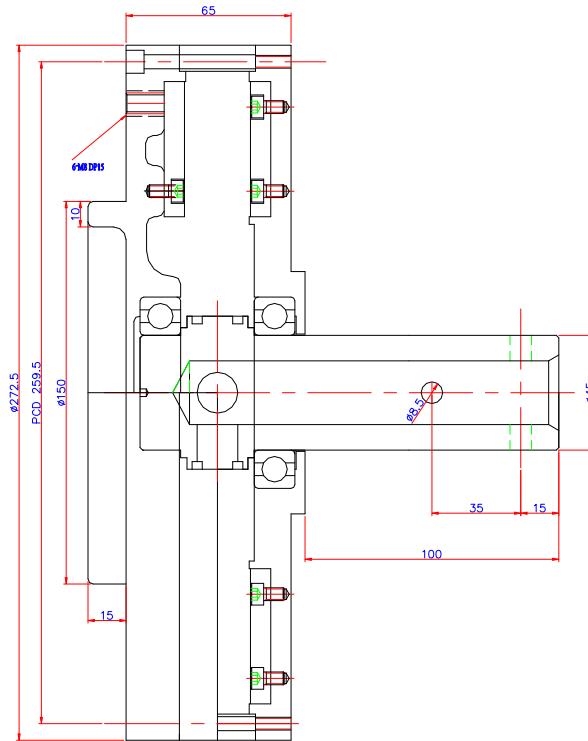
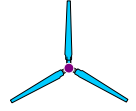
No.	Parameter	Symbol	units	
1	Rectified DC Voltage	E	V	48
2	Gen. Output Voltage			AC (3Phase)
3	Rotor			Permanent magnet type (outer rotor)
4	Stator			Coreless
5	Output Power	P <sub>o</sub>	W	1,000
6	Rated speed	$\omega$	rpm	450
7	Speed Constant	K <sub>E</sub>	V/krpm	125
8	Resistance (Line-Line)	R <sub>T</sub>	$\Omega$	0.33
9	Maximum Winding Temperature	C <sub>Max</sub>	°C	130
10	Number of Pole	-	-	20
11	Winding type	-	-	Wye
12	Gen. Weight	W <sub>M</sub>	kg	14.4
13	Gen. Diameter	M <sub>D</sub>	mm	272
14	Gen. Length	M <sub>L</sub>	mm	85
15	Housing Material	-	-	Aluminum (Alloy)
16	Shaft Material	-	-	Steel
17	Shaft Bearing	-	-	6009 2ZR 1EA, 6009 2RSR 1EA
18				
19				

**APPLICATION – Small Wind Turbine, Hydro Power, etc.**









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