

**ANEXO 1.1**  
**GENERADOR ELÉCTRICO**

Main specifications for the Permanent Magnet Synchronous Generator	
Model	DMF-5
Rated power	5kW
Rated speed	350rpm
Rated voltage	48VAC
Rated current	6A
Phase number	3-phase
Numbers of Poles	16
Rated torque	148Nm
Startup torque	3Nm
Insulation Class:	H
Protection Class	IP54
Efficiency	92%
Power factor	0.97
Cooling	Natural air cooling
Ambient temperature	-25~45°C
Recommended altitude	< 1000m
Bearings	Steel
Winding material	100% Copper
Winding temperature level	180°C
Stator Impregnation type	Vacuum Pressure Impregnation (VPI)
Magnet Material	Neodymium 40SH
Magnet temperature level	150°C
Iron Core	Cold rolled silicon steel sheet
Normal working temperature	90°C
Max working temperature	130°C
Installation	Horizontal
Frame size	160
Weight (Kg)	120
Certificate	CE

