

HGM165 Specification -50Hz

Generator set		Genset Model	HGM165
		Rating Power （KW/KVA）	120/150
		Standby Power （KW/KVA）	132/165
		Rating Ammeter （A）	216
Diesel engine	General data	Engine model	GPBAA5.9-G2
		Prime Power(KW/HP)	163/222
		Standby Power(KW/HP)	180/245
		number of Cylinder & Configuration	6 cylinders in line
		Bore X Stroke (mm)	114X135
		Displacement(l)	8.3
		Compression Ratio	16.5:1
		Governor type	Electronic governor
		Rated RPM	1500
	Exhaust system	Exhaust gas flow （m³/min）	27.6
		Max. Exhaust Gas Temperature （℃）	625
		Max. Exhaust back Pressure(KPA)	10
	Air intake system	Aspiration Type	Turbo & After cooled
		Max. intake depression （mbar）	6
		Combustion air Volume （m³/min）	9.5
	Fuel system	Rating Fuel Consumption （l/h）	32
		75% full Fuel Consumption （l/h）	32.5
	Lubrication system	Total oil capacity （l）	16.4
		Max permissible oil temp(℃)	121
		Oil pressure at rated rpm(KPA)	276_414
	Cooling system	Total Coolant capacity （l）	23.8
		Max. temperature of coolant （℃）	104
		Fan cooling air flow(m³/min)	186
Alternator		Alternator model	GP150-4P
		Rating Voltage （V）	400/230
		Rating Capacity （KW/KVA）	120/150
		Eff.%	91.4%
		Power Factor	0.8
		Exciting type	Brushless self-exciter AVR
		Voltage regulation	±1%
		No. of Phase	3 phase 4 wire
		Enclosure Class	IP23
		Class of Insulation	H
Battery	Rating Capacity （AH）	2X150AH 12V	
Dimension	Generator set dimension （LXWXH）	2650x950x1430	
Weight	Generator set Net Weight (kg)	2100	