

HGM206 Specification -50Hz

<b>Generator set</b>		<b>Genset Model</b>	<b>HGM206</b>
		Rating Power (KW/KVA)	150/187.5
		Standby Power (KW/KVA)	165/206
		Rating Ammeter (A)	271
<b>Diesel engine</b>	<b>General data</b>	Engine model	GPCTA8.3-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
	<b>Exhaust system</b>	Exhaust gas flow (m <sup>3</sup> /min)	30.8
		Max. Exhaust Gas Temperature (°C)	638
		Max. Exhaust back Pressure(KPA)	10
	<b>Air intake system</b>	Aspiration Type	Turbo & After cooled
		Max. intake depression (mbar)	6
		Combustion air Volume (m <sup>3</sup> /min)	9.5
	<b>Fuel system</b>	Rating Fuel Consumption (l/h)	42
		75% full Fuel Consumption (l/h)	42.5
	<b>Lubrication system</b>	Total oil capacity (l)	16.4
		Max permissible oil temp(°C)	121
		Oil pressure at rated rpm(KPA)	276_414
	<b>Cooling system</b>	Total Coolant capacity (l)	23.8
		Max. temperature of coolant (°C)	104
		Fan cooling air flow(m <sup>3</sup> /min)	186
	<b>Alternator</b>		Alternator model
Rating Voltage (V)			400/230
Rating Capacity (KW/KVA)			165/206
Eff. %			90.5%
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
<b>Battery</b>	Rating Capacity (AH)	2X150AH 12V	
<b>Dimension</b>	Generator set dimension (LXWXH)	2650x950x1430	
<b>Weight</b>	Generator set Net Weight (kg)	2200	