

HGR Series Diesel Generators

Powered by  Engine

150 – 200 kVA

- ✓ Heavy Duty Diesel Engine
- ✓ Reliable Power Generating
- ✓ Customizable Features
- ✓ Automatic Control Unit with Lcd Display
- ✓ Advanced Safety and Protection Features
- ✓ Class H Alternator



Standard Features

3 Phase – 50 Hz
4 Cycle, Water Cooled, Naturally Aspirated
User Friendly LCD Display
Changeable Air, Fuel and Oil Filters
In accordance with the requirements of 2000/14/EC noise emission directives.
Emergency Stop Button
Automatic Control Panel
Low Water Level, Heat, Oil Pressure, Over Current Alarms
Easy Maintenance Design

Some Optional Features

Extra Silence Canopy
3 Pole/4 Pole Automatic Transfer Panel
Fuel and Oil Heater
Automatic Fuel Filling System
Remote Monitoring
Alternator Heater
Fuel-water separator filter
Synchronization Control Panel for 2-4 Gen-Sets
Start/stop failure Alarm
Expandable Fuel Tank Capacity

Technical Specifications

Gen-set					
Model Name		HGR 0150	HGR 0175	HGR 0200	HGR 0220
Standby Power	kVA	150	175	200	220
	kW	120	140	160	176
Prime Power	kVA	136	158	180	198
	kW	109	126	144	158
Engine					
Brand		RICARDO			
Model		R6105AZLD	R6105IZLD	R6110IZLD	R6113AZLD
Power in kW	Standby	121	145	181	181
	Prime	110	132	165	165
Engine Speed (rpm)		1500	1500	1500	1500
Number of Cylinder		6 - In Line	6 - In Line	6 - In Line	6 - In Line
Displacement (lt)		6,75	7,1	7,01	7,52
Bore x Stroke (mm)		105 x 130	105 x 135	110 x 135	113 x 125
Induction		TurboCharged	TurboCharged	TurboCharged	TurboCharged
Combustion System		Direct Injection			
Governor Type		Mechanic/Electronic			
Cooling System		Water Cooled			
Lubr.Oil Capacity (lt)		19	19	19	16
Coolant Capacity (lt)		40	40	40	25
Fuel Tank Capacity (lt)		275	380	380	380
Fuel Consumption lt/h					
100% of Prime Power		30,5	33,5	34,8	45
75% of Prime Power		22,9	25,1	26	34
50% of Prime Power		15,3	16,7	17	22
Alternator					
Output Voltage		400/230			
Power Factor		0,8			
Poles		4			
Frequency (Hz)		50			
Voltage Regulation		±%0,5			
Protection Level		IP 23			
Connection Type		Star			
Dimensions & Weight					
Canopy Dimensions mm (wxdxh)		1050 x 3180 x 1870	1050 x 3580 x 1870	1050 x 3580 x 1870	1050 x 3580 x 1870
Canopy Weight - kg		1600	1690	1950	1950
Open Dimensions mm (wxdxh)		1050 x 2700 x 1850	1050 x 3100 x 1950	1050 x 3100 x 1850	1050 x 3100 x 1850
Open Wieght - kg		1370	1440	1700	1700