

HGR Series Diesel Generators

Powered by  Engine

82 – 125 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 0082	HGR 0094	HGR 0110	HGR 0125
Standby Power	kVA	82	94	110	125
	kW	65.5	75	88	110
Prime Power	kVA	75	85	100	115
	kW	60	68	80	92
Engine					
Brand		RICARDO			
Model		R4105JZLD	R4105JZD	R6105ZD	R6105ZLD
Power in kW	Standby	56	72.5	92	110
	Prime	61.5	66	84	100
Engine Speed (rpm)		1500	1500	1500	1500
Number of Cylinder		4 - In Line	4 - In Line	6 - In Line	6 - In Line
Displacement (lt)		4.33	4.33	6.49	6.49
Bore x Stroke (mm)		105 x 125	105 x 130	105 x 130	105 x 130
Induction		TurboCharged	TurboCharged	TurboCharged	TurboCharged
Combustion System		Direct Injection			
Governor Type		Mechanic/Electronic			
Cooling System		Water Cooled			
Lubr.Oil Capacity (lt)		15	16	19	19
Coolant Capacity (lt)		25	25	40	25
Fuel Tank Capacity (lt)		165	165	180	280
Fuel Consumption lt/h					
100% of Prime Power		18	20.2	23.9	26.6
75% of Prime Power		13.5	15.6	17.9	20.2
50% of Prime Power		9	10	11.9	13.8
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 2700 x 1770	1050 x 2700 x 1770	1050 x 2995 x 1940	1050 x 2700 x 1770
Canopy Weight - kg		1300	1410	1650	1535
Open Dimensions mm (wxdxh)		1050 x 2700 x 1600	1050 x 2700 x 1600	1050 x 2995 x 1650	1050 x 2700 x 1600
Open Wieght - kg		1050	1160	1350	1290