

HGR Series Diesel Generators

Powered by  Engine

22 – 70 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 0022	HGR 0035	HGR 0050	HGR 0055	HGR 0070
Standby Power	kVA	22	35	50	55	70
	kW	18	28	35	44	56
Prime Power	kVA	20	32	45	50	65
	kW	16	25.5	31	40	52
Engine						
Brand		RICARDO				
Model		Y485BD/Y490D	K4100D	K4100ZD	K4102ZD	R4105ZD
Power in kW	Standby	21	33	45	48	61.5
	Prime	19	30	41	44	56
Engine Speed (rpm)		1500	1500	1500	1500	1500
Number of Cylinder		4 - In Line				
Displacement (lt)		3.61	3.61	3.61	3.61	4.33
Bore x Stroke (mm)		100 x 115	100 x 115	100 x 115	100 x 115	105 x 125
Induction		Natural	Natural	TurboCharged	TurboCharged	TurboCharged
Combustion System		Direct Injection				
Governor Type		Mechanic/Electronic				
Cooling System		Water Cooled				
Lubr.Oil Capacity (lt)		13	13	14	13	16
Coolant Capacity (lt)		17	17	18	19	25
Fuel Tank Capacity (lt)		85	120	120	120	165
Fuel Consumption lt/h						
100% of Prime Power		7	9	11	11	15.3
75% of Prime Power		4.7	4.9	8	7.5	11.5
50% of Prime Power		3.2	3.8	5.5	5.2	7.6
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)		900 x 2000 x 1512	1000 x 2300 x 1575	1000 x 2300 x 1575	1000 x 2300 x 1575	1050 x 2700 x 1770
Canopy Weight - kg		850	960	1060	1080	1300
Open Dimensions mm (wxdxh)		900 x 2000 x 1250	1000 x 2300 x 1350	1000 x 2300 x 1350	1000 x 2300 x 1350	1050 x 2700 x 1600
Open Wieght - kg		680	730	800	820	1050