

HGB Series Diesel Generators

Powered by  **Baudouin** Engine

160 – 330 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		HGB 0165	HGB 0220	HGB 0250	HGB 0275	HGB 0330
Standby Power	kVA	165	220	250	275	330
	kW	132	176	200	220	264
Prime Power	kVA	150	200	225	250	300
	kW	120	160	180	200	240
Engine						
Brand		BAUDOUIN				
Model		6M11G165/5e2	6M16G220/5e2	6M16G250/5e2	6M16G275/5e2	6M16G330/5e2
Power in kW	Standby	152	200	238	264	320
	Prime	138	182	216	240	290
Engine Speed (rpm)		1500	1500	1500	1500	1500
Number of Cylinder		6 - In Line				
Displacement (lt)		6.75	9.726	9.726	9.726	9.726
Bore x Stroke (mm)		105 x 130	126 x 130	126 x 130	126 x 130	126 x 130
Induction		TurboCharged-Intercooler	TurboCharged-Intercooler	TurboCharged-Intercooler	TurboCharged-Intercooler	TurboCharged-Intercooler
Combustion System		Direct Injection				
Governor Type		Electronic				
Cooling System		Water Cooled				
Lubr.Oil Capacity (lt)		16	24	24	24	30
Coolant Capacity (lt)		28	50	50	50	50
Fuel Tank Capacity (lt)		280	585	585	585	585
Fuel Consumption lt/h						
100% of Prime Power		32,7	42,1	56,9	56,9	70,5
75% of Prime Power		24,5	31,6	42,2	42,2	52,3
50% of Prime Power		16,7	21,9	28,4	28,4	35,3
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	1150 x 3820 x 2460	1150 x 3820 x 2460	1150 x 3820 x 2460	1400 x 3705 x 2645
Canopy Weight - kg		1520	2140	2250	2250	2690
Open Dimensions mm (wxdxh)		1050 x 2700 x 1690	1150 x 3340 x 1860	1150 x 3340 x 1860	1150 x 3340 x 1860	1400 x 3250 x 1750
Open Wieght - kg		1280	1845	1950	1950	2285