

HGB Series Diesel Generators

Powered by  **Baudouin** Engine

17 – 50 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 0017	HGB 0022	HGB 0033	HGB 0044	HGB 0050
Standby Power	kVA	17	22	33	44	50
	kW	14	18	26	35	40
Prime Power	kVA	15	20	30	40	45
	kW	12	16	24	32	36
Engine						
Brand		BAUDOUIN				
Model		4M05G17/5	4M05G22/5	4M06G33/5	4M06G44/5	4M06G50/5
Power in kW	Standby	19	25	33	40	48
	Prime	18	13	30	36	44
Engine Speed (rpm)		1500	1500	1500	1500	1500
Number of Cylinder		4 - In Line				
Displacement (lt)		2.1	2.3	3.12	2.3	2.3
Bore x Stroke (mm)		89 x 90	89 x 92	105 x 120	89 x 92	89 x 92
Induction		Natural	Natural	Natural	TurboCharged	TurboCharged-Intercooler
Combustion System		Direct Injection				
Governor Type		Mechanic/Electronic				
Cooling System		Water Cooled				
Lubr.Oil Capacity (lt)		8	9.5	7.25	9.5	9.5
Coolant Capacity (lt)		9.8	11.7	15	11.7	11.7
Fuel Tank Capacity (lt)		92	92	132	132	132
Fuel Consumption lt/h						
100% of Prime Power		5.2	6.1	8.1	9.3	10.4
75% of Prime Power		3.9	4.5	6.4	6.8	7.5
50% of Prime Power		2.8	3.2	4.7	4.6	5.2
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 2100 x 1310	900 x 2100 x 1310	1000 x 2450 x 1610	1000 x 2450 x 1610	1000 x 2450 x 1610
Canopy Weight - kg		560	605	905	925	945
Open Dimensions mm (wxdxh)		900 x 1750 x 1235	900 x 1750 x 1235	1000 x 2050 x 1390	1000 x 2050 x 1400	1000 x 2050 x 1400
Open Wieght - ka		440	485	710	730	730