

HGB Series Diesel Generators

Powered by  **Baudouin** Engine

385 – 660 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 0385	HGB 0440	HGB 0500	HGB 0550	HGB 0660
Standby Power	kVA	385	440	500	550	660
	kW	308	352	400	440	528
Prime Power	kVA	350	400	455	500	600
	kW	280	320	364	400	480
Engine						
Brand		BAUDOUIN				
Model		6M21G385	6M21G440	6M21G500	6M26G550	6M33G660
Power in kW	Standby	385	405	450	484	572
	Prime	350	368	409	440	520
Engine Speed (rpm)		1500	1500	1500	1500	1500
Number of Cylinder		6 - In Line				
Displacement (lt)		12,54	12,54	12,54	15,90	19,60
Bore x Stroke (mm)		127 x 165	127 x 165	127 x 165	150 x 150	150 x 185
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)		36	36	36	50	60,5
Coolant Capacity (lt)		65	65	69,2	142	126,6
Fuel Tank Capacity (lt)		890	890	1145	1145	1530
Fuel Consumption lt/h						
100% of Prime Power		82,1	85	112,9	104,9	122,8
75% of Prime Power		60,6	63,5	77,8	78,4	92,8
50% of Prime Power		40,9	43,1	52	53,6	64,4
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)		1400 x 3705 x 2645	1400 x 3705 x 2645	1600 x 4400 x 2650	1600 x 4400 x 2650	1800 x 4500 x 3075
Canopy Weight - kg		2860	2950	4105	4105	5590
Open Dimensions mm (wxdxh)		1400 x 3250 x 1750	1400 x 3250 x 1750	1600 x 4000 x 2220	1600 x 4000 x 2220	1800 x 4290 x 2340
Open Wieght - ka		2455	2550	3590	3630	4900