



# BAUDOIN SERIES 88 - 330 kVA



## OUTPUT RATINGS

Model		<b>GSG-88B</b>	<b>GSG-110B</b>	<b>GSG-150B</b>	<b>GSG-165B</b>	<b>GSG-220B</b>	<b>GSG-250B</b>	<b>GSG-275B</b>	<b>GSG-330B</b>
Standby Power (ESP)	kVA / kW	88 / 70	110 / 88	150 / 120	165 / 132	220 / 176	250 / 200	275 / 220	330 / 264
Prime Power (PRP)	kVA / kW	80 / 64	100 / 80	135 / 109	150 / 120	200 / 160	225 / 180	250 / 200	300 / 240
Voltage - Frequency	V - Hz	400 / 230 V - 50 Hz							
Phase Qty - P.F.	Unit - Cosφ	3 Phase - Cosφ 0,8							

## ENGINE BAUDOIN

Engine Make & Model		4M11G90/5e2	4M11G110/5e2	6M11G150/5e2	6M11G165/5e2	6M16G220/5e2	6M16G250/5e2	6M16G275/5e2	6M16G330/5e2
EngineStandby	kW	81	108	140	152	200	238	264	320
Air Intake System		Turbocharge	Turbocharge	Turbocharge	Turbocharge	Turbocharge	Turbocharge	Turbocharge	Turbocharge
Cylinder Volume	L	4,5	4,5	6,75	6,75	9,73	9,73	9,73	9,73
Cylinder Qty / Type		4 / Line	4 / Line	6 / Line	6 / Line	6 / Line	6 / Line	6 / Line	6 / Line
Bore & Stroke	MM x MM	105 x 130	105 x 130	105 x 130	105 x 130	126 x 130	126 x 130	126 x 130	126 x 130
Compression Ratio		18 : 1	18 : 1	18 : 1	18 : 1	17 : 1	17 : 1	17 : 1	17 : 1
Governing Type		Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic
Engine Speed	RPM	1500							
Cooling Method		Water-cooled							
Cooling Sys. Capacity	L	15,3	20,8	28	28	50	50	50	50
Oil Capacity	L	10	10	16	16	24	24	24	30
Electrical System	V DC	24	24	24	24	24	24	24	24
Fuel Consumption									
100 % Prime Load	L / H	17,8	23,3	30,4	32,7	42,1	49,7	56,9	70,5
75 % Prime Load	L / H	13,3	17,4	23,1	24,5	31,6	37,5	42,2	52,3
50 % Prime Load	L / H	9,2	11,9	15,9	16,7	21,9	26	28,4	35,3
Fuel tank Capacity	L	180	280	280	280	380	535	535	535

## ALTERNATOR

Alternator Make & Model		STAR							
Alternator Type		Electronic AVR - Brushless							
Standby Power (ESP)	kVA	88	110	150	165	220	250	275	330
Voltage Regulation		+/- 1.0							
Insulation / Protection		H / IP 21							
Pole Quantity		4							

## DIMENSIONS AND WEIGHTS

Open Type	WxLxH - mm.	1000 x 2400 x 1520	1050 x 2700 x 1520	1050 x 2700 x 1690	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
Weight	KG.	1135	1160	1280	1340	1845	1935	1950	2285
Canopied Type	WxLxH - mm.	1000 x 2880 x 1610	1050 x 3180 x 1870	1050 x 3180 x 1870	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
Weight	KG.	1355	1380	1520	1585	2140	2235	2250	2690

Standby Power (ESP): Emergency power under varying electrical load. Overload is not permitted.

Prime Power (PRP): Nominal power under varying electrical load for unlimited hours. 10 % overload is available for a period of 1 hour within 12 hours.