

OUTPUT RATINGS

Model		GSG-33I	GSG-55I	GSG-90I	GSG-130I	GSG-140I	GSG-190I
Standby Power (ESP)	kVA / kW	33 / 26	55 / 44	90 / 72	131 / 105	138 / 110	187 / 150
Prime Power (PRP)	kVA / kW	30 / 24	50 / 40	82 / 65	119 / 95	125 / 100	170 / 136
Current (ESP)	A	47	79	129	189	199	269
Voltage - Frequency	V - Hz	400 / 230 V - 50 Hz					
Phase Qty - P.F.	Unit - Cosφ	3 Phase - Cosφ 0,8					

ENGINE FPT - IVECO

Engine Make & Model		S8000 AM1	N45 AM2	N45 SM3	N45 TM3	N67 SM1	N67 TM4
Mechanical Prime Power	kW / (HP)	28,1 / 37,6	45 / 60	73,3 / 98	107 / 143	110 / 147	149 / 111
Air Intake System		Natural		Turbocharger	Turbo & After Cooler	Turbocharger	Turbo & After Cooler
Cylinder Volume	L	2,9	4,5	4,5	4,5	6,7	6,7
Cylinder Qty / Type		3 / Line	4 / Line	4 / Line	4 / Line	6 / Line	6 / Line
Bore & Stroke	MM x MM	104 x 115	104 x 132	104 x 132	104 x 132	104 x 132	104 x 132
Compression Ratio		17:1	17,5:1	17,5:1	17,5:1	17,5:1	17,5:1
Governing Type		Mechanical					
Engine Speed	RPM	1500					
Cooling Method		Water					
Cooling Sys. Capacity	L	9	18,5	18,5	18,5	25,5	25,5
Oil Capacity	L	8,8	12,8	12,8	12,8	20	20
Electrical System	V DC	12	12	12	12	12	12
Fuel Consumption							
100 % Prime Load	L / H	7,2	11,6	19,4	27,6	29,3	36,6
75 % Prime Load	L / H	5,4	8,7	14,5	20,7	21,9	27,4
50 % Prime Load	L / H	3,8	6,2	9,6	14,4	15,8	18,0
Fuel tank Capacity	L	260	260	300	350	390	390

ALTERNATOR

Alternator Make & Model		LINZ					
Alternator Type		Electronic AVR - Brushless					
Standby Power (ESP)	kVA	33	55	90	131	138	187
Voltage Regulation		+/- 1.0					
Insulation / Protection		H / IP 21					
Pole Quantity		4					

DIMENSIONS AND WEIGHTS

Open Type	LxWxH - M.	1,5x1x1,2	1,65x1x1,3	1,85x1x1,4	2x1x1,4	2,25 x 1 x 1,6	2,35 x 1 x 1,6
Weight	KG.	750	800	1050	1150	1375	1575
Canopied Type	LxWxH - M.	2x1x1,6	2,25x1x1,6	2,5x1x1,6	2,75x1x1,75	3,25 x 1 x 1,75	3,25 x 1 x 1,75
Weight	KG.	950	1050	1325	1450	1725	1900

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.