

OUTPUT RATINGS

Model		GSG-95V	GSG-110V	GSG-140V	GSG-170V	GSG-200V	GSG-220V	GSG-275V	GSG-350V
Standby Power (ESP)	kVA / kW	94 / 75	110 / 88	143 / 114	165 / 132	200 / 160	220 / 176	275 / 220	350 / 280
Prime Power (PRP)	kVA / kW	85 / 68	100 / 80	130 / 104	150 / 120	182 / 145	200 / 160	250 / 200	320 / 256
Current (ESP)	A	136	159	202	245	289	317	397	505
Voltage - Frequency	V - Hz	400 / 230 V - 50 Hz							
Phase Qty - P.F.	Unit - Cosφ	3 Phase - Cosφ 0,8							

ENGINE
VOLVO

Engine Make & Model		TAD530GE	TAD531GE	TAD532GE	TAD731GE	TAD732GE	TAD733GE	TAD734GE	TAD1341GE
Mechanical Prime Power	kW / (HP)	83 / 113	96 / 131	129 / 170	148 / 201	179 / 243	197 / 268	250 / 340	308 / 419
Air Intake System		Turbocharger & Intercooler							
Cylinder Volume	L	4,76	4,76	4,76	7,15	7,15	7,15	7,15	12,78
Cylinder Qty / Type		4 / Line	4 / Line	4 / Line	6 / Line	6 / Line	6 / Line	6 / Line	6 / Line
Bore & Stroke	MM x MM	108 x 130	108 x 130	108 x 130	108 x 130	108 x 130	108 x 130	108 x 130	131 x 158
Compression Ratio		18 : 1	18 : 1	17,5 : 1	18 : 1	18 : 1	18,1 : 1	17 : 1	18,1 : 1
Governing Type		Electronic							
Engine Speed	RPM	1500							
Cooling Method		Water-cooled							
Cooling Sys. Capacity	L	20	20	35	40	40	40	40	45
Oil Capacity	L	13	13	13	20	34	34	29	36
Electrical System	V DC	12	12	12	12	24	24	24	24
Fuel Consumption									
100 % Prime Load	L / H	17,3	20,0	31,0	30,0	36,4	41,0	50,0	60,0
75 % Prime Load	L / H	13,0	16,0	23,3	22,5	27,3	31,0	37,5	45,0
50 % Prime Load	L / H	9,0	10,5	15,5	16,0	19,0	21,0	26,0	31,0
Fuel tank Capacity	L	390	390	390	600	600	750	750	750

ALTERNATOR

Alternator Make & Model		STAMFORD or SINCRO							
Alternator Type		Electronic AVR - Brushless							
Standby Power (ESP)	kVA	94	110	143	165	200	220	275	350
Voltage Regulation		+/- 1.0							
Insulation / Protection		H / IP 21							
Pole Quantity		4							

DIMENSIONS AND WEIGHTS

Open Type	LxWxH - M.	2,5x1x1,6	2,5x1x1,6	2,5x1x1,6	3x1,2x1,7	3x1,2x1,7	3x1,4x1,7	3x1,4x1,7	3x1,6x1,9
Weight	KG.	1250	1350	1450	1650	1850	1950	2250	2900
Canopied Type	LxWxH - M.	3,25x1x1,75	3,25x1x1,75	3,25x1x1,75	3,75x1,2x2	3,75x1,2x2	3,75x1,4x2	3,75x1,4x2	4,5x1,6x2,5
Weight	KG.	1600	1700	1800	2150	2350	2450	2750	3900

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.