

OUTPUT RATINGS

Model		GSG-385V	GSG-415V	GSG-450V	GSG-500V	GSG-550V	GSG-660V	GSG-700V
Standby Power (ESP)	kVA / kW	385 / 308	415 / 332	450 / 360	500 / 400	550 / 440	660 / 528	700 / 560
Prime Power (PRP)	kVA / kW	350 / 280	377 / 302	410 / 328	455 / 364	500 / 400	600 / 480	636 / 509
Current (ESP)	A	556	599	649	722	794	952	1010
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		TAD1342GE	TAD1343GE	TAD1344GE	TAD1345GE	TAD1641GE	TAD1642GE	TWD1643GE
Mechanical Prime Power	kW / (HP)	343 / 466	366 / 498	399 / 543	441 / 600	484 / 658	565 / 768	613 / 834
Air Intake System		Turbocharger & Intercooler						
Cylinder Volume	L	12,78	12,78	12,78	12,78	16,12	16,12	16,12
Cylinder Qty / Type		6 / Line	6 / Line	6 / Line	6 / Line	6 / Line	6 / Line	6 / Line
Bore & Stroke	MM x MM	131 x 158	131 x 158	131 x 158	131 x 158	144 x 165	144 x 165	144 x 165
Compression Ratio		18,1 : 1	18,1 : 1	18,1 : 1	18,1 : 1	16,5 : 1	16,5 : 1	16,5 : 1
Governing Type		Electronic						
Engine Speed	RPM	1500						
Cooling Method		Water-cooled						
Cooling Sys. Capacity	L	45	55	60	60	60	93	95
Oil Capacity	L	36	36	36	36	48	48	48
Electrical System	V DC	24	24	24	24	24	24	24
Fuel Consumption								
100 % Prime Load	L / H	70,0	75,0	80,0	91,0	101	120	127
75 % Prime Load	L / H	53,0	56,5	60,0	68,3	75,8	90,0	95,3
50 % Prime Load	L / H	36,0	38,0	41,0	45,5	50,5	61,0	63,5
Fuel tank Capacity	L	1100	1100	1100	1100	1100	1100	1100

ALTERNATOR

Alternator Make & Model		GENSTAR						
Alternator Type		Electronic AVR - Brushless						
Standby Power (ESP)	kVA	385	415	450	500	550	660	700
Voltage Regulation		+/- 1.0						
Insulation / Protection		H / IP 21						
Pole Quantity		4						

DIMENSIONS AND WEIGHTS

Open Type	LxWxH - M.	3x1,6x1,9	3x1,6x1,9	3,25x1,6x1,9	3,25x1,6x1,9	3,5x1,6x2,2	3,5x1,6x2,2	3,5x1,6x2,2
Weight	KG.	3050	3200	3250	3350	3550	4300	4500
Canopied Type	LxWxH - M.	4,5x1,6x2,5	4,5x1,6x2,5	4,5x1,6x2,5	4,5x1,6x2,5	4,5x1,6x2,5	4,5x1,6x2,5	4,75x1,6x2,5
Weight	KG.	4050	4200	4250	4350	4850	5150	5450

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.