

OUTPUT RATINGS

Model		GSG-130D	GSG-220D	GSG-300D	GSG-330D	GSG-430D	GSG-490D
Standby Power (ESP)	kVA / kW	130 / 104	220 / 176	300 / 240	330 / 264	430 / 344	490 / 392
Prime Power (PRP)	kVA / kW	118 / 95	200 / 160	273 / 218	300 / 240	391 / 313	445 / 356
Current (ESP)	A	188	315	433	473	621	703
Voltage - Frequency	V - Hz	400 / 230 V - 50 Hz					
Phase Qty - P.F.	Unit - Cosφ	3 Phase - Cosφ 0,8					

ENGINE

Engine Make & Model	DOOSAN	D1146T	P086TI	P126TI	P126TI-II	P158LE-1	P158LE
Mechanical Prime Power	kW / (HP)	117 / 159	199 / 271	272 / 370	294 / 400	362 / 492	414 / 563
Air Intake System		Turbocharger & Aftercooler					
Cylinder Volume	L	8,07	8,07	11,05	11,05	14,6	14,6
Cylinder Qty / Type		6 / Line	6 / Line	6 / Line	6 / Line	8 / V	8 / V
Bore & Stroke	MM x MM	111 x 139	111 x 139	123 x 155	123 x 155	128 x 142	128 x 142
Compression Ratio		16,8:1	16,8:1	17:1	17:1	15:1	15:1
Governing Type		Electronic					
Engine Speed	RPM	1500					
Cooling Method		Water					
Cooling Sys. Capacity	L	16	48	65	65	89	89
Oil Capacity	L	15,5	15,5	23	23	21	21
Electrical System	V DC	24	24	24	24	24	24
Fuel Consumption							
100 % Prime Load	L / H	28	42	53	63	79	89
75 % Prime Load	L / H	21	32	4	47	59	67
50 % Prime Load	L / H	14	21	27	32	39	45
Fuel tank Capacity	L	435	675	750	750	1100	1100

ALTERNATOR

Alternator Make & Model		SINCRO					
Alternator Type		Electronic AVR - Brushless					
Standby Power (ESP)	kVA	130	220	300	330	430	490
Voltage Regulation		+/- 1.0					
Insulation / Protection		H / IP 21					
Pole Quantity		4					

DIMENSIONS AND WEIGHTS

Open Type	LxWxH - M.	2,5 x 1 x 1,6	3 x 1,2 x 1,7	3 x 1,4 x 1,7	3 x 1,4 x 1,7	3,25 x 1,6 x 2	3,25 x 1,6 x 2
Weight	KG.	1500	1850	2300	2400	3050	3150
Canopied Type	LxWxH - M.	3,25 x 1 x 1,75	3,75 x 1,2 x 2	3,75 x 1,4 x 2	3,75 x 1,4 x 2	4,5 x 1,6 x 2,5	4,5 x 1,6 x 2,5
Weight	KG.	1850	2350	3000	3100	4050	4150

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.