

## OUTPUT RATINGS

Model		<b>GSG-510D</b>	<b>GSG-600D</b>	<b>GSG-660D</b>	<b>GSG710D</b>	<b>GSG-770D</b>	<b>GSG-830D</b>
Standby Power (ESP)	kVA / kW	510 / 408	600 / 480	660 / 528	715 / 572	770 / 616	830 / 664
Prime Power (PRP)	kVA / kW	460 / 368	545 / 436	600 / 480	650 / 520	700 / 560	755 / 604
Current (ESP)	A	731	866	952	1032	1103	1197
Voltage - Frequency	V - Hz	400 / 230 V - 50 Hz					
Phase Qty - P.F.	Unit - Cosφ	3 Phase - Cosφ 0,8					

## ENGINE

Engine Make & Model	<b>DOOSAN</b>	DP158LC	DP158LD	DP180LA	DP180LB	DP222LB	DP222LC
Mechanical Prime Power	kW / (HP)	449 / 610	510 / 693	536 / 729	612 / 832	664 / 903	723 / 983
Air Intake System		Turbocharger & Aftercooler					
Cylinder Volume	L	14,62	14,62	18,27	18,27	21,93	21,93
Cylinder Qty / Type		8 / V	8 / V	10 / V	10 / V	12 / V	12 / V
Bore & Stroke	MM x MM	128 x 142	128 x 142	128 x 142	128 x 142	128 x 142	128 x 142
Compression Ratio		15:1	15:1	15:1	15:1	15:1	15:1
Governing Type		Electronic					
Engine Speed	RPM	1500					
Cooling Method		Water					
Cooling Sys. Capacity	L	90	90	98	112	134	134
Oil Capacity	L	22	22	35	34	40	40
Electrical System	V DC	24	24	24	24	24	24
Fuel Consumption							
100 % Prime Load	L / H	100	111	126	138	147	161
75 % Prime Load	L / H	75	83	95	104	110	121
50 % Prime Load	L / H	50	56	63	69	74	81
Fuel tank Capacity	L	1100	1100	1100	1100	1100	1100

## ALTERNATOR

Alternator Make & Model		SINCRO					
Alternator Type		Electronic AVR - Brushless					
Standby Power (ESP)	kVA	510	600	660	715	770	820
Voltage Regulation		+/- 1.0					
Insulation / Protection		H / IP 21					
Pole Quantity		4					

## DIMENSIONS AND WEIGHTS

Open Type	LxWxH - M.	3,25 x 1,6 x 2	3,25 x 1,6 x 2	3,25 x 1,6 x 2	3,5 x 1,6 x 2,3	3,75 x 1,6 x 2,3	3,75 x 1,6 x 2,3
Weight	KG.	3200	3400	3800	4050	4250	4400
Canopied Type	LxWxH - M.	4,5 x 1,6 x 2,5	4,5 x 1,6 x 2,5	4,5 x 1,6 x 2,5	4,75 x 1,6 x 2,5	5,25 x 1,6 x 2,5	5,25 x 1,6 x 2,5
Weight	KG.	4200	4400	4900	5150	5550	5700

**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.