



# DEUTZ SERIES 290 - 850 kVA



## OUTPUT RATINGS

Model		<b>GSG-290DZ</b>	<b>GSG-360DZ</b>	<b>GSG-440DZ</b>	<b>GSG-520DZ</b>	<b>GSG-575DZ</b>	<b>GSG-630DZ</b>	<b>GSG-700DZ</b>	<b>GSG-850DZ</b>
Standby Power (ESP)	kVA / kW	290 / 232	360 / 288	440 / 352	520 / 416	575 / 460	630 / 504	700 / 560	850 / 680
Prime Power (PRP)	kVA / kW	264 / 211	330 / 264	400 / 320	475 / 380	522 / 418	570 / 456	636 / 509	775 / 620
Voltage - Frequency	V - Hz	400 / 230 V - 50 Hz							
Phase Qty - P.F.	Unit - Cosφ	3 Phase - Cosφ 0,8							

## ENGINE DEUTZ

Engine Make & Model		BF6M1015C-LA-G1A	BF6M1015C-LA-G3A	BF6M1015CP-LA-G	BF8M1015C-LA-G2	BF8M1015CP-LA-G4	BF8M1015CP-LA-G4	BF8M1015CP-LA-G5	HC12V132ZL
EngineStandby	kW	250	314	365	440	540	540	560	740
Air Intake System		Turbocharge	Turbocharge	Turbocharge	Turbocharge	Turbocharge	Turbocharge	Turbocharge	Turbocharge
Cylinder Volume	L	11,9	11,9	11,9	15,87	15,87	15,87	15,87	23,81
Cylinder Qty / Type		6 / V	6 / V	6 / V	8 / V	8 / V	8 / V	8 / V	12 / V
Bore & Stroke	MM x MM	132 x 145	132 x 145	132 x 145	132 x 145	132 x 145	132 x 145	132 x 145	132 x 145
Compression Ratio		16,5 : 1	16,5 : 1	16,5 : 1	16,5 : 1	16,5 : 1	16,5 : 1	16,5 : 1	16,5 : 1
Governing Type		Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic
Engine Speed	RPM	1500							
Cooling Method		Water-cooled							
Cooling Sys. Capacity	L	62	62	67	87	93	93	93	111
Oil Capacity	L	38	38	38	48	48	48	48	54
Electrical System	V DC	24	24	24	24	24	24	24	24
Fuel Consumption									
100 % Prime Load	L / H	53,2	65,8	76,53	94,03	104,7	114,33	118,77	154,79
75 % Prime Load	L / H	39,9	49,35	57,4	70,53	78,52	85,75	89,08	116,09
50 % Prime Load	L / H	26,6	32,9	38,25	47,02	52,35	57,17	59,38	77,39
Fuel tank Capacity	L	565	760	760	1145	1145	1145	1145	1250

## ALTERNATOR

Alternator Make & Model		STAR							
Alternator Type		Electronic AVR - Brushless							
Standby Power (ESP)	kVA	290	360	440	520	575	630	700	850
Voltage Regulation		+/- 1.0							
Insulation / Protection		H / IP 21							
Pole Quantity		4							

## DIMENSIONS AND WEIGHTS

Open Type	WxLxH - mm.	1400 x 3000 x 2270	1600 x 3000 x 1900	1600 x 3000 x 1900	1600 x 3500 x 1980	1600 x 3500 x 1980	1600 x 3500 x 1980	1600 x 3500 x 1980	2100 x 4000 x 2460
Weight	KG.	2095	2380	2475	2975	3015	3210	3350	4115
Canopied Type	WxLxH - mm.	1400 x 3300 x 2585	1600 x 3250 x 2475	1600 x 3250 x 2475	1600 x 4000 x 2875	1600 x 4000 x 2875	1600 x 4000 x 2875	1600 x 4000 x 2875	2100 x 4700 x 3000
Weight	KG.	2480	2765	2855	3440	3480	3675	3815	4615

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.