

## 1. G550 Unit Specifications:

<b>CE Approval</b>		YES
<b>Genset / 50Hz</b>		
	Prime Output (kVA) 400V	<b>500</b>
	@ .8 PF 3 phase (kW) 400V	<b>400</b>
	Standby Output (kVA) 400V	<b>550</b>
	@ .8 PF 3 phase (kW) 400V	<b>440</b>
	Frequency (Hz)	50
	Generator RPM	1500
	Nominal voltage, three-phase ( $\pm 20$ V)	400
	Nominal voltage, single-phase ( $\pm 10$ V approx.)	230
	Canopy model	M426 Esi
	Sound Level (dBA) @ 7 meters	70
<b>Alternator / 50Hz</b>		
	Make	Leroy Somer
	Model	LSA471VL12
	Prime Output (kVA) 400V	500
	@ .8 PF 3 phase (kW) 400V	400
	Standby Output (kVA) 400V	550
	@ .8 PF 3 phase (kW) 400V	440
	Insulation Class	H
	Voltage Adjusting Rheostat (on AVR)	Yes
	Auto. Voltage Reg. - No-load to Full-load	+/- 1.5%
	Motor Starting Capability (kVA) @ 35% Dip	1600
<b>Engine / 1500 Rpm</b>		
	Make	Volvo
	Model	TAD1631GE
	Prime Power (KWm) Engine	<b>430</b>
	Prime Power (BHP)	576
	Type	In line
	Number of Cylinders	6
	Electrical System (volts)	24
	Speed regulation - steady state - (%)	+/- 0.5
	Cold start capability with air intake heater ( $^{\circ}$ C)	-30
	Displacement (L)	15.63
	Bore (mm)	144
	Stroke (mm)	160
	Fuel/Cooling	Diesel / Coolant
	Oil Capacity (L)	64
	Cooling System Capacity (L)	64
<b>Fuel system / 50Hz</b>		
	Fuel Tank High Capacity (L)	800
Run Time (Hours)	At 100% load	7.2
	At 75% load	9.8
	At 50% load	14.3
	At 25% load	25.6

