



Generator Set Technical Specification Sheet

Model: GSW 250

General Features:

	3 Phase		1 Phase	
Emergency standby power	275.0	kVA		kVA
	220.0	kW		kW
Continuous power	254.0	kVA		kVA
	203.0	kW		kW
Power factor	0.8	Cosφ		Cosφ
Nominal voltage	400 Y	Volt		Volt
Nominal frequency	50	Hz		Hz
Alternator connections	Star			
Prime power according to ISO 3046 (ICN2) at variable load measured at 300 m a s l & 25°C ambient temperature				

Engine:

Brand / Model	Volvo / TAD 740 GE			
Type / Stroke	Diesel / 4 stroke			
Number of cylinders / Configuration / Injection	6/ in-line / Direct injection			
Cubic capacity	ltr	7.28		
Aspiration	Turbo-charged / Air to Air Charge Air Cooler			
Cooling system	Water			
Starting system / voltage	Electric / 24			
RPM	rpm	1500		
Kilowatts	kW	220		
Oil capacity	Litres	29.0		
Fuel consumption 75% load	Litres/h	38.89		
Governor	Electronic to G3			

Alternator:

Brand / Model	Stamford UCDI 274K			
Number of poles / rpm	4 pole / 1500 rpm			
Voltage / Frequency	Volts / Hz	400 Y / 50		
Nominal power	kVA	265.0		
Power factor	Cosφ	0.8		
Active power	kW	212.0		
Efficiency @ 75% load	%	92.7		
Maximum overload	10% for 1 hour in every 6 hours of operation			
Voltage regulator	Electronic (± 1.5% with 4% engine governing)			

General Installation Data:

Combustion air flow	m ³ /min	
Cooling air airflow	m ³ /min	156
Exhaust gas flow	m ³ /min	
Exhaust gas temperature	°C	
Exhaust system back pressure	mbar	

Overall Dimensions & Weight:

		Open Set	Canopy Set
Length	mm	3000	3500
Width	mm	1100	1300
Height	mm	1830	2150
Weight	kg	2245	3320
Fuel tank capacity	Litres	440	410
Run time on full tank of fuel	h	11.2	10.5
Noise Level @ 7 mtrs	dB(A)	74	

The specifications quoted above are a guide only and in line with our policy of continuous product development, we reserve the right to vary the specifications at any time without notice