



Generator Set Technical Specification Sheet

Model: GSW 185

General Features:

	3 Phase	
Emergency standby power	194	kVA
	155	kW
Prime power	187	kVA
	149	kW
Power factor	0.8	Cosfi
Nominal voltage	400 Y	Volt
Nominal frequency	50	Hz
Alternator connections	Star	
Continuous power : At variable load according to ISO 3046 (ICN2)		

Engine:

Brand / Model		Volvo / TAD 721 GE
Type / Stroke		Diesel / 4 stroke / Direct Injection
Number of cylinders / Configuration		6 / in-line
Cubic capacity	ltr	7.15
Aspiration		Turbo charged with water to air intercooled
Cooling system		Water cooled
Starting system / voltage		Electric / 24
RPM	rpm	1500
Horsepower Continuous	kW	162
Oil capacity	litres	34
Coolant Capacity	litres	42
Fuel consumption 75% load Prime	Litres/h	29.51
Governor		Electronic to G3

Alternator:

Brand / Model		Stamford UCI 274G
Number of poles / rpm		4 pole / 1500 rpm
Voltage / Frequency	Volts / Hz	400 Y / 50
Nominal power	kVA	187.0
Power factor	Cosfi	0.8
Active power	kW	150.0
Efficiency @ 75% load	%	92.4
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	126
Exhaust gas flow	m ³ /min	
Exhaust gas temperature	°C	
Exhaust system back pressure	mbar	

Overall Dimensions & Weight:

		Open Set	Canopy Set
Length	mm	2650	3500
Width	mm	1100	1300
Height	mm	1850	2150
Weight	kg	1980	2950
Fuel tank capacity	Litres	410	330
Run time @ 75% of rated load	h	13.8	11.2
Noise Level @ 7 mtrs	dB(A)	70	

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.