



Generator Set Technical Specification Sheet

Model: GSW 160

General Features:

	3 Phase		1 Phase
Emergency standby power	167.0	kVA	kVA
	134.0	kW	kW
Continuous power	159.0	kVA	kVA
	127.0	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	Deutz / BF6M 1013 EC
Type / Stroke	Diesel / 4 stroke
Number of cylinders / Configuration / Injection	6/ in-line / Direct injection
Cubic capacity	ltr 7.15
Aspiration	Turbo-charger, CAC
Cooling system	Water
Starting system / voltage	Electric / 12
RPM	rpm 1500
Horsepower Prime	kW 138.1
Oil capacity	Litres 20.0
Fuel consumption 75% load	Litres/h 24.5
Governor	Mechanical to G2

Alternator:

Brand / Model	Stamford UCI 274F
Number of poles / rpm	4 pole / 1500 rpm
Voltage / Frequency	Volts / Hz 400 Y / 50
Nominal power	kVA 170.0
Power factor	Cosφ 0.8
Active power	kW 136.0
Efficiency @ 75% load	% 92.3
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	180 m ³ /min
Exhaust gas flow	m ³ /min
Exhaust gas temperature	°C
Exhaust system back pressure	kPa

Overall Dimensions & Weight:

	Open Set	Canopy Set
Length	mm 2600	3500
Width	mm 1000	1250
Height	mm 1620	1910
Weight	kg 1615	2600
Fuel tank capacity	Litres 240	320
Run time on full tank of fuel	h 9.8	13.9
Noise Level @ 7 mtrs	dB(A)	73

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.