



Generator Set Technical Specification Sheet

Model: GSA 60

General Features:

	3 Phase
Emergency standby power	62.1 kVA 49.7 kW
Continuous power	61.0 kVA 48.8 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		Deutz F6L 912 Gen
Type / Stroke		Diesel / 4 stroke / Direct Injection
Number of cylinders / Configuration		6 / in-line
Cubic capacity	Litres	5.65
Aspiration		Natural
Cooling system		Air cooled
Starting system / voltage		Electric / 12
RPM	rpm	1500
Horsepower Prime	kW	55
Oil capacity	Litres	13.5
Fuel consumption 75% load	Litres/h	10.5
Governor		Mechanical to G2

Alternator:

Brand / Model		Stamford UCI 224E
Number of poles / rpm		4 pole / 1500 rpm
Voltage / Frequency	Volts / Hz	400 Y / 50
Nominal power	kVA	61.0
Power factor	Cosfi	0.8
Active power	kW	48.8
Efficiency @ 75% load	%	88.8
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 flow	m ³ /min	43.5
Exhaust gas flow	m ³ /min	
Exhaust gas temperature	°C	
Exhaust system back pressure	mbar	

Overall Dimensions & Weight:

		Open Set	Canopy Set
Length	mm	2000	2600
Width	mm	1000	1150
Height	mm	1620	1680
Weight	kg	954	1310
Fuel tank capacity	Litres	240	105
Run time on full tank of fuel @ 75% load	Hours	22.8	9.9
Noise Level @ 7m	dB(A)		74