



Generator Set Technical Specification Sheet

Model: GBA 13

General Features:

	3 Phase	1 Phase
Emergency standby power	13.4 kVA 10.7 kW	kVA kW
Continuous power	12.7 kVA 10.2 kW	kVA kW
Power factor	0.8 Cosfi	Cosfi
Nominal voltage	400 Y Volt	Volt
Nominal frequency	50 Hz	Hz
Alternator connections	Star	

Continuous power : At variable load according to ISO 3046 (ICN2)

Engine:

Brand / Model		Deutz / F2L 2011
Type / Stroke		Diesel / 4 stroke / Direct Injection
Number of cylinders / Configuration		2 / in-line
Cubic capacity	ltr	1.56
Aspiration		Natural
Cooling system		Air-cooled
Starting system / voltage		Electric / 12
RPM	rpm	1500
Horsepower	kW	12.0
Oil capacity	litres	6.0
Fuel consumption 75% load Prime	Litres/h	2.5
Governor		Mechanical to G2

Alternator:

Brand / Model		Linz EIS13 M/4
Number of poles / rpm		4 pole / 1500 rpm
Voltage / Frequency	Volts / Hz	400 Y / 50
Nominal power	kVA	13.0
Power factor	Cosfi	0.8
Active power	kW	10.4
Efficiency @ 75% load	%	85.4
Maximum overload		10% for 1 hour in every 6 hours of operation
Voltage regulator		Compound

General Installation Data

Combustion air flow	m ³ /min	
Cooling air airflow	m ³ /min	17.7
Exhaust gas flow	m ³ /min	
Exhaust gas temperature	°C	
Exhaust system back pressure	mbar	

Overall Dimensions & Weight:

		Open Set
Length	mm	1400
Width	mm	750
Height	mm	1050
Weight	kg	468
Fuel tank capacity	Litres	90
Run time @ 75% of rated load	h	29.1
Noise Level @ 7 mtrs	dB(A)	

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