



Generator Set Technical Specification Sheet¹

Model: GSL 40

General Features:

	3 Phase		1 Phase	
Emergency standby power	41.21	kVA		kVA
	32.97	kW		kW
Continuous power	37.32	kVA		kVA
	29.86	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 / BF4M 2011
Type / Stroke		Diesel / 4 stroke
Number of cylinders / Configuration / Injection		4/ in-line / Direct injection
Cubic capacity	cc	3110
Aspiration		Turbo-charged
Cooling system		Oil
Starting system / voltage		Electric / 12
RPM	rpm	1500
Horsepower	kW	38.2
Oil capacity	Litres	10
Fuel consumption 75% load	Litres/h	7.3
Governor		Mechanical To G2

Alternator:

Brand / Model		Stamford BCI 184J
Number of poles / rpm		4 pole / 1500 rpm
Voltage / Frequency	Volts / Hz	400 Y / 50
Nominal power	kVA	45.0
Power factor	Cosφ	0.8
Active power	kW	36.0
Efficiency @ 75% load	%	86.6
Maximum overload		10% for 1 hour in every 6 hours of operation
Voltage regulator		Electronic. SX460

General Installation Data:

Combustion air flow	m ³ /min	2.52
Cooling air airflow	m ³ /min	39.5
Exhaust gas flow	m ³ /min	7.2
Exhaust gas temperature	°C	610
Exhaust system back pressure	mbar	30

Overall Dimensions & Weight:

		Open Set	Canopy Set
Length	mm	1650	2250
Width	mm	750	1075
Height	mm	1064	1250
Weight	kg	600	1160
Fuel tank capacity	Litres	100	120
Run time on full tank of fuel	h	13.9	16.7
Noise Level @ 7 mtrs	dB(A)		67

¹ 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