



Generator Set Technical Specification Sheet¹

Model: **GSL 30**

General Features:

	3 Phase		1 Phase	
Emergency standby power	30.0	kVA		kVA
	24.0	kW		kW
Prime power	27.94	kVA		kVA
	22.35	kW		kW
Power factor	0.8	Cosfi		Cosfi
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 / F4M 2011
Type / Stroke	Diesel / 4 stroke
Number of cylinders / Configuration / Injection	4/ in-line / Direct
Cubic capacity	cc 3110
Aspiration	Natural
Cooling system	Oil
Starting system / voltage	Electric / 12
RPM	rpm 1500
Horsepower	kW 29.0
Oil capacity	Litres 10.0
Fuel consumption 75% load	Litres/h 5.5
Governor	Mechanical to G2

Alternator:

Brand / Model	Stamford BCI 184G
Number of poles / rpm	4 pole / 1500 rpm
Voltage / Frequency	Volts / Hz 400 Y / 50
Nominal power @ 40°C	kVA 31.0
Power factor	Cosfi 0.8
Active power	kW 24.8
Efficiency @ 75% load	% 85.8
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 1.95
Cooling air flow	m ³ /min 30.0
Exhaust gas flow	m ³ /min 5.23
Exhaust gas temperature	°C 600
Exhaust system back pressure	mbar 30

Overall Dimensions & Weight:

	Open Set	Canopy Set
Length	mm 1650	2250
Width	mm 750	1075
Height	mm 1075	1250
Weight	kg 525	1100
Fuel tank capacity	Litres 100	120
Run time on full tank of fuel	h 18.1	21.8
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