



Generator Set Technical Specification Sheet

Model: GSW 75

General Features:

	3 Phase	
Emergency standby power	78.0	kVA
	63.0	kW
Prime power	74.0	kVA
	59.0	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 BF4M 1012 C
Type / Stroke		Diesel / 4 stroke / Direct Injection
Number of cylinders / Configuration		4 / in-line
Cubic capacity	ltr	4.04
Aspiration		Turbo-charged & CAC
Cooling system		Water cooled
Starting system / voltage		Electric / 12
RPM	rpm	1500
Horsepower	kW	66.1
Oil capacity	Litres	8.5
Fuel consumption 75% load	Litres/h	11.7
Governor		Mechanical to G2

Alternator:

Brand / Model		Stamford UCI 224 F
Number of poles / rpm		4 pole / 1500 rpm
Voltage / Frequency	Volts / Hz	400 Y / 50
Nominal power @ 27°C	kVA	77
Power factor	Cosfi	0.8
Active power	kW	62
Efficiency @ 75% load	%	89.9
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	m ³ /min	90.0
Exhaust gas flow	m ³ /min	
Exhaust gas temperature	°C	
Exhaust system back pressure	mbar	

Overall Dimensions & Weight:

		Open Set	Canopy Set
Length	mm	2200	2710
Width	mm	1000	1180
Height	mm	1620	1730
Weight	kg	945	1525
Fuel tank capacity	Litres	240	320
Run time on full tank of fuel	h	20.4	28.9
Noise Level @ 7 mtrs	dB(A)		72

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.