



Generator Set Technical Specification Sheet

Model: GSW 60

General Features:

	3 Phase	
Emergency standby power	63.0	kVA
	50.4	kW
Prime power	58.0	kVA
	46.4	kW
Power factor	0.8	Cosfi
Nominal voltage	400 Y	Volt
Nominal frequency	50	Hz
Alternator connections	Star	

Engine:

Brand / Model		Deutz / BF4M 2012 G2
Type / Stroke		Diesel / 4 stroke / Direct Injection
Number of cylinders / Configuration		4 / in-line
Cubic capacity	ltr	4.040
Aspiration		Turbo charged
Cooling system		Water cooled
Starting system / voltage		Electric / 12
RPM	rpm	1500
Kilowatts Prime	kW	52
Oil capacity	litres	8.5
Coolant Capacity	litres	13.6
Fuel consumption 75% load	Litres/h	10.3
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 @ 40°C	kVA	61
Power factor	Cosfi	0.8
Active power	kW	50
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 airflow	m ³ /min	78
Exhaust gas flow	m ³ /min	
Exhaust gas temperature	°C	
Exhaust system back pressure	mbar	

Overall Dimensions & Weight:

		Open Set	Canopy Set
Length	mm	2,200	2,710
Width	mm	1000	1,180
Height	mm	1620	1,730
Weight	kg	865	1507
Fuel tank capacity	Litres	240	320
Run time @ 75% of rated load	h	23.4	33.1
Noise Level @ 7 mtrs	dB(A)		70