



Generator Set Technical Specification Sheet

Model: GSW 315

General Features:

	3 Phase		
Emergency standby power	330	kVA	
	264	kW	
Continuous power	314	kVA	
	251	kW	
Power factor	0.8	Cosφ	
Nominal voltage	400 Y	Volt	
Nominal frequency	50	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 / BF6M 1015 CG1
Type / Stroke		Diesel / 4 stroke / Direct Injection
Number of cylinders / Configuration		6/ V configuration
Cubic capacity	ltr	11.9
Aspiration		Turbo charged, CAC
Cooling system		Water cooled
Starting system / voltage		Electric / 24
RPM	rpm	1500
Horsepower	kW	271.2
Oil capacity	litres	34
Coolant Capacity	litres	17
Fuel consumption 75% load Prime	Litres/h	48.9
Governor		Electronic to G3

Alternator:

Brand / Model		Stamford HCKI 444D
Number of poles / rpm		4 pole / 1500 rpm
Voltage / Frequency	Volts / Hz	400 Y / 50
Nominal power	kVA	320.0
Power factor	Cosφ	0.8
Active power	kW	256.0
Efficiency @ 75% load	%	93.0
Maximum overload		10% for 1 hour in every 6 hours of operation
Voltage regulator		Electronic (±1% with 4% engine governing)

General Installation Data:

Combustion air flow	m ³ /min	
Cooling air airflow	m ³ /min	349.2
Exhaust gas flow	m ³ /min	
Exhaust gas temperature	°C	
Exhaust system back pressure	mmBar	

Overall Dimensions & Weight:

		Open Set	Canopy Set
Length	mm	3,000	4,000
Width	mm	1,400	1,800
Height	mm	1,950	2,250
Weight	kg	2,600	3,800
Fuel tank capacity	Litres	440	480
Run time @ 75% of rated load	h	8.9	9.8
Noise Level @ 7 mtrs	dB(A)		74

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