



## Generator Set Technical Specification Sheet

**Model: GSW 325**

**General Features:**

	3 Phase		1 Phase	
Emergency standby power	<b>330.0</b>	kVA		kVA
	<b>264.0</b>	kW		kW
Continuous power	<b>320.0</b>	kVA		kVA
	<b>256.0</b>	kW		kW
Power factor	<b>0.8</b>	Cosfi		Cosfi
Nominal voltage	<b>400 Y</b>	Volt		Volt
Nominal frequency	<b>50</b>	Hz		Hz
Alternator connections	<b>Star</b>			
Prime power according to ISO 3046 (ICN2) at variable load measured at 300 m a s l & 25°C ambient temperature				

**Engine:**

Brand / Model	<b>Volvo / TAD 941 GE</b>			
Type / Stroke	<b>Diesel / 4 stroke</b>			
Number of cylinders / Configuration / Injection	<b>6/ in-line / Direct injection</b>			
Cubic capacity	ltr	<b>9.36</b>		
Aspiration	<b>Turbo-charged / Intercooler</b>			
Cooling system	<b>Water</b>			
Starting system / voltage	<b>Electric / 24</b>			
RPM	rpm	<b>1500</b>		
Kilowatts Prime	kWm	<b>279</b>		
Oil capacity	Litres	<b>33</b>		
Fuel consumption 75% load	Litres/h	<b>50.32</b>		
Governor	<b>Electronic to G3</b>			

**Alternator:**

Brand / Model	<b>Stamford HCKI 444D</b>			
Number of poles / rpm	<b>4 pole / 1500 rpm</b>			
Voltage / Frequency	Volts / Hz	<b>400 Y / 50</b>		
Nominal power	kVA	<b>320.0</b>		
Power factor	Cosfi	<b>0.8</b>		
Active power	kW	<b>256.0</b>		
Efficiency @ 75% load	%	<b>93.0</b>		
Maximum overload	<b>10% for 1 hour in every 6 hours of operation</b>			
Voltage regulator	<b>Electronic ±1.5% with 4% engine governing</b>			

**General Installation Data:**

Combustion air flow	m <sup>3</sup> /min
Cooling air airflow	m <sup>3</sup> /min
Exhaust gas flow	m <sup>3</sup> /min
Exhaust gas temperature	°C
Exhaust system back pressure	mbar

**Overall Dimensions & Weight:**

		Open Set	Canopy Set
Length	mm	<b>3000</b>	<b>4000</b>
Width	mm	<b>1200</b>	<b>1600</b>
Height	mm	<b>1900</b>	<b>2250</b>
Weight	kg	<b>2400</b>	<b>4000</b>
Fuel tank capacity	Litres	<b>600.0</b>	<b>620</b>
Run time on full tank of fuel	h	<b>10.7</b>	<b>12.2</b>
Noise Level @ 7 mtrs	dB(A)	<b>74</b>	

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