



Generator Set Technical Specification Sheet

Model: Tornado 825

General Features:

	3 Phase		
Emergency standby power	906	kVA	
	724	kW	
Continuous power	823	kVA	
	658	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		MTU / 16V2000G22
Type / Stroke		Diesel / 4 stroke
Number of cylinders / Configuration		16 / V
Cubic capacity	ltr	
Aspiration		
Cooling system		Water cooled
Starting system / voltage		
RPM	rpm	1500
Horsepower Continuous	kW	
Oil capacity	litres	
Coolant Capacity	litres	
Fuel consumption 75% load Prime	Litres/h	161
Governor		

Alternator:

Brand / Model		Mecc Alte or Stamford
Number of poles / rpm		4 pole / 1500 rpm
Voltage / Frequency	Volts / Hz	400 Y / 50
Nominal power	kVA	
Power factor	Cosφ	0.8
Active power	kW	
Efficiency @ 75% load	%	
Maximum overload		
Voltage regulator		

General Installation Data:

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

Overall Dimensions & Weight:

		Open Set	Canopy Set
Length	mm	4200	6550
Width	mm	1700	1900
Height	mm	2400	3500
Weight	kg		
Fuel tank capacity	Litres		
Run time @ 75% of rated load	h		
Noise Level @ 7 mtrs	dB(A)		75

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