



## Generator Set Technical Specification Sheet

**Model:** Tramontana 1500

**General Features:**

	3 Phase			
Emergency standby power		<b>1650</b>	kVA	
		<b>1320</b>	kW	
Continuous power		<b>1500</b>	kVA	
		<b>1200</b>	kW	
Power factor		<b>0.8</b>	Cosφ	
Nominal voltage		<b>400 Y</b>	Volt	
Nominal frequency		<b>50</b>	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>Perkins / 4012TAG2A</b>
Type / Stroke				<b>Diesel / 4 stroke / Direct Injection</b>
Number of cylinders / Configuration				<b>12 / V</b>
Cubic capacity	ltr			<b>45.842</b>
Aspiration				<b>Turbocharged and air to air charge cooled</b>
Cooling system				<b>Water cooled</b>
Starting system / voltage				<b>Electric / 24v</b>
RPM	rpm			<b>1500</b>
Horsepower Prime	kW			<b>1380</b>
Oil capacity	litres			<b>177.6</b>
Coolant Capacity	litres			<b>235</b>
Fuel consumption 75% load	Litres/h			<b>311</b>
Governor				

**Alternator:**

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

**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>5000</b>		<b>7550</b>
Width	mm	<b>2200</b>		<b>2300</b>
Height	mm	<b>2600</b>		<b>3950</b>
Weight	kg			
Fuel tank capacity	Litres			
Run time @ 75% of rated load	h			
Noise Level @ 7 mtrs	dB(A)			<b>75</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.