



Generator Set Technical Specification Sheet

Model: Tornado 2000

General Features:

| | | |
|--|--------------|------|
| | 3 Phase | |
| Emergency standby power | 2200 | kVA |
| | 1760 | kW |
| Continuous power | 2000 | kVA |
| | 1600 | 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 / 16V4000G61 |
| 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 | 399 |
| 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 5850 | 8550 |
| Width | mm 2150 | 2300 |
| Height | mm 2800 | 4150 |
| 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.