

# Product Specifications for 4008TAG

<b>Gross Mechanical Output</b>	644-997 kWm
<b>Typical Electrical Output</b>	720-1125 kVA (576-900 kWe)
<b>Rated Speed</b>	1500/1800 rpm
<b>Prime</b>	911-1035 kVA
<b>Standby</b>	1002-1138 kVA
<b>Baseload</b>	720-821 kVA
<b>Prime</b>	707-796 kWe
<b>Standby</b>	780-878 kWe
<b>Baseload</b>	555-626 kWe
<b>Emissions</b>	Fuel Optimised
<b>Number of Cylinders</b>	8 inline
<b>Bore</b>	160 mm
<b>Stroke</b>	190 mm
<b>Displacement</b>	30.6 l
<b>Compression Ratio</b>	13.6:1

<b>Aspiration</b>	Turbocharged and air-to-air charge cooled
<b>Combustion System</b>	Direct injection
<b>Rotation from Flywheel End</b>	Anti-clockwise
<b>Cooling System</b>	Liquid
<b>Aftertreatment</b>	-
<b>Typical Alternator Efficiency</b>	95%
<b>Switchable</b>	No
<b>Length</b>	3711 mm
<b>Width</b>	2046 mm
<b>Height</b>	2067 mm
<b>Dry Weight</b>	4320 kg
<b>Note 1</b>	*Final dimensions dependent on selected options
<b>Prime Power</b>	Unlimited hours usage with an average load factor of 80% of the published Prime Power over each 24 hours period. A 10% overload is available for 1 hour in every 12 hours operation.
<b>Standby Power</b>	Limited to 500 hours annual usage with an average load factor of 80% of the published Standby Power rating over each 24 hour period. Up to 300 hours of annual usage may be run continuously. No overload is permitted on Standby Power.
<b>Baseload</b>	Unlimited hours usage with an average load factor of 100% of the published baseload power. No overload is permitted on baseload power.

## 4008TAG Standard Equipment

### Air inlet system

Mounted air filters and turbochargers

### Cooling system

Crankshaft pulley for fan drive

Gear driven circulating pump

Twin thermostats

### Electrical equipment

24 volt combined high coolant temperature/low oil pressure switch

24 volt Electronic Shut Off Solenoid (ESOS) (energised to run)

24 volt starter motor and 24 volt/40 amp alternator with integral regulator and DC output

Overspeed switch and magnetic pickup

Turbine inlet temperature shutdown switch

### Flywheels and flywheel housing

Flywheel to SAE J620 size 18

SAE 0 flywheel housing

### Fuel system

Full flow spin-on fuel oil filters

Electronic governor to ISO 3046 Part 4 class A1

Unit fuel injectors with lift pump and hand stop control

## **Oil system**

Engine jacket water/lubricating oil temperature stabiliser

Full flow spin-on oil filters

Wet sump with filler and dipstick