

# Product Specifications for 4006-23TAG

<b>Gross Mechanical Output</b>	531-886 kWm
<b>Typical Electrical Output</b>	595-1000 kVA (476-800 kWe)
<b>Rated Speed</b>	1500/1800 rpm
<b>Prime</b>	746-802 KVA
<b>Standby</b>	820-898 KVA
<b>Baseload</b>	595-637 kVA
<b>Prime</b>	600-722 kWe
<b>Standby</b>	660-800 kWe
<b>Baseload</b>	480-572 kWe
<b>Emissions</b>	Fuel Optimised
<b>Number of Cylinders</b>	6 inline
<b>Bore</b>	160 mm
<b>Stroke</b>	190 mm
<b>Displacement</b>	23 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>	90-95%
<b>Switchable</b>	Yes
<b>Length</b>	2927 mm
<b>Width</b>	1690 mm
<b>Height</b>	2125 mm
<b>Dry Weight</b>	2524 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
<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.

## 4006-23TAG Standard Equipment

### Air inlet system

Mounted air filter and turbocharger

### Cooling system

Radiator supplied loose incorporating air-to-air charge cooler

System designed for ambients up to 50°C (122°F)

Twin thermostats, water pump

### Electrical equipment

24V starter motor, 24V alternator with integral voltage regulator and DC output

High coolant temperature protection switch

Low oil pressure protection switch

Turbine inlet temperature protection

### Flywheel and housing

SAE '0' flywheel housing

SAE J620 size 18 flywheel

### Fuel system

Digital governing to ISO 8528-5 Class G2 with isochronous capability

Direct fuel injection system with fuel lift pump

Direct fuel injection system with fuel in pump

Full flow spin-on filters

## Lubrication system

Full flow spin-on oil filters

Wet full aluminium sump with filler and dipstick

## Optional equipment

4 meter wiring harness

Exhaust counter flanges

Immersion heater

Secondary electric start

Single exhaust outlet pipe

Temperate radiator kit

