

PRODUCT SPECIFICATIONS FOR 4008TAG

TOTAL POWER RANGE

Gross Mechanical Output	644-997 kWm
Typical Electrical Output	720-1125 kVA (576-900 kWe)
Rated Speed	1500/1800 rpm

50 HZ TYPICAL ELECTRICAL OUTPUT

Prime	911-1035 kVA
Standby	1002-1138 kVA
Baseload	720-821 kVA

60 HZ TYPICAL ELECTRICAL OUTPUT

Prime	707-796 kWe
Standby	780-878 kWe
Baseload	555-626 kWe

EMISSION STANDARDS

Emissions	Fuel Optimised
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GENERAL

Number of Cylinders	8 inline
Bore	160 mm

Stroke	190 mm
Displacement	30.6 l
Compression Ratio	13.6:1
Aspiration	Turbocharged and air-to-air charge cooled
Combustion System	Direct injection
Rotation from Flywheel End	Anti-clockwise
Cooling System	Liquid
Aftertreatment	-
Typical Alternator Efficiency	95%
Switchable	No

ELECTROPAK DIMENSIONS

Length	3711 mm
Width	2046 mm
Height	2067 mm
Dry Weight	4320 kg

DISCLAIMER

Note 1 *Final dimensions dependent on selected options

DEFINITIONS

Prime Power	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.
Standby Power	Limited to 500 hours annual usage with an average load factor of 80% of the published Standby Power

load factor of 60% 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.

Baseload

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