

PRODUCT SPECIFICATIONS FOR 4016TAG

TOTAL POWER RANGE

Gross Mechanical Output	1270-1937 kWm
Typical Electrical Output	1463-2263 kVA (1170-1811 kW _e)
Rated Speed	1500 rpm

50 HZ TYPICAL ELECTRICAL OUTPUT

Prime	1844-2058 kVA
Standby	2028-2263 kVA
Baseload	1463-1634 kVA

EMISSION STANDARDS

Emissions	Fuel Optimised
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GENERAL

Number of Cylinders	16 Vee
Bore	160 mm
Stroke	190 mm
Displacement	61.1 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	96%
Switchable	No

ENGINE DIMENSIONS*

Length	3302 mm
Width	1723 mm
Height	2128 mm
Dry Weight	5570 kg

DISCLAIMER

Note 1	*Final dimensions dependent on selected options
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DEFINITIONS

Prime Power	Variable load. Unlimited hours usage with an average load factor of 80% of the published prime power over each 24 hour period. A 10% overload is available for 1 hour in every 12 hour operation.
Standby Power	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.
Baseload	Unlimited hours usage with an average load factor of 100% of the published baseload power. No overload is permitted on baseload power.

4016TAG STANDARD EQUIPMENT

AIR INLET SYSTEM

Mounted air filter and turbochargers

COOLING SYSTEM

Crankshaft pulley for fan drive

Twin gear driven circulating pumps

Two 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

SAE 00 flywheel housing

SAE J620 size 18 flywheel

FUEL SYSTEM

Full flow spin-on fuel oil filters

Unit fuel injectors with lift pump and hand stop control

GOVERNING

Electronic governor to ISO 3046 Part 4 class A1

OIL SYSTEM

Engine jacket water/lubricating oil temperature stabiliser

Full flow spin-on oil filters

Wet sump with filler and dipstick