

# PRODUCT SPECIFICATIONS FOR 1104C-44TAG

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## TOTAL POWER RANGE

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<b>Gross Mechanical Output</b>	75-117.5 kWm
<b>Typical Electrical Output</b>	80-126.5 kVA (64-101 kWe)
<b>Rated Speed</b>	1500/1800 rpm

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## 50 HZ TYPICAL ELECTRICAL OUTPUT

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<b>Prime</b>	80.4-101.4 kVA
<b>Standby</b>	88.8-111.9 kVA

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## 60 HZ TYPICAL ELECTRICAL OUTPUT

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<b>Prime</b>	72.4-91.5 kWe
<b>Standby</b>	80-101.2 kWe

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## EMISSION STANDARDS

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<b>Emissions</b>	EU Stage II/U.S. EPA Tier 2
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## GENERAL

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<b>Number of Cylinders</b>	4 inline
<b>Bore</b>	105 mm
<b>Stroke</b>	127 mm
<b>Displacement</b>	4.4 l

<b>Compression Ratio</b>	18.2:1
<b>Aspiration</b>	Turbocharged 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
<b>Switchable</b>	Yes

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#### ELECTROPAK DIMENSIONS

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<b>Length</b>	1259 mm
<b>Width</b>	721 mm
<b>Height</b>	966 mm

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#### DISCLAIMER

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<b>Note 1</b>	*Final dimensions dependent on selected options
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#### DEFINITIONS

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<b>Prime Power</b>	Power available at variable load in lieu of a main power network. Overload of 10% is permitted for one hour in every 12 hours of operation.
<b>Standby Power</b>	Power available at variable load in the event of a main power network failure. No overload is permitted.

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## 1104C-44TAG STANDARD EQUIPMENT

AIR INI FT SYSTEM

#### AIR INTAKE SYSTEM

Mounted air filter

#### CONTROL SYSTEM

12 volt shutdown solenoid energised to run

12 volt starter motor and 12 volt 65 amp alternator with DC output

#### COOLING SYSTEM

Mounted radiator and piping incorporating air-to-air charge cooler

Thermostatically controlled system with gear driven circulation pump and belt driven pusher fan

#### FLYWHEELS AND FLYWHEEL HOUSING

Flywheel to SAE J620 size 10/11½

SAE No. 3 flywheel housing

#### FUEL SYSTEM

Ecoplus fuel filter

Rotary type pump

#### GENERAL

Glow plug cold start aid

#### OIL SYSTEM

Wet steel sump with filler and dipstick

Spin-on oil filter