

# PRODUCT SPECIFICATIONS FOR 1103A-33G

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## TOTAL POWER RANGE

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<b>Gross Mechanical Output</b>	28 - 36.5 kWm
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<b>Typical Electrical Output</b>	30-38 kVA (24-31 kW <sub>e</sub> )
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<b>Rated Speed</b>	1500/1800 rpm
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## 50 HZ TYPICAL ELECTRICAL OUTPUT

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<b>Prime</b>	30 kVA
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<b>Standby</b>	33 KVA
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## 60 HZ TYPICAL ELECTRICAL OUTPUT

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<b>Prime</b>	27.9 kW <sub>e</sub>
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<b>Standby</b>	30.6 kW <sub>e</sub>
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## EMISSION STANDARDS

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<b>Emissions</b>	Fuel Optimised
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## GENERAL

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<b>Number of Cylinders</b>	3 vertical inline
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<b>Bore</b>	105 mm
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<b>Stroke</b>	127 mm
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<b>Displacement</b>	3.3 l
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<b>Compression Ratio</b>	19.25:1
<b>Aspiration</b>	Naturally aspirated
<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>	87%
<b>Switchable</b>	Yes

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#### ELECTROPAK DIMENSIONS

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<b>Length</b>	1000 mm
<b>Width</b>	629 mm
<b>Height</b>	951 mm

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#### ENGINE DIMENSIONS\*

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<b>Dry Weight</b>	412 kg
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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>	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.
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## 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.

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# 1103A-33G STANDARD EQUIPMENT

## AIR INLET SYSTEM

Mounted air filter

## CONTROL SYSTEM

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

12 volt shutdown solenoid energised to run

## COOLING SYSTEM

Mounted radiator and piping

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

## FLYWHEELS AND FLYWHEEL HOUSING

High inertia flywheel to SAE J620 size 10/11½

SAE 3 flywheel housing

## FUEL SYSTEM

Next generation fuel filter

Rotary type pump

## GENERAL

Front engine mounting brackets

## OIL SYSTEM

Wet sump with filler and dipstick

Spin-on oil filter