

Product Specifications for 1103A-33G



Total Power Range

Gross Mechanical Output	28 - 36.5 kWm
Typical Electrical Output	30-38 kVA (24-31 kWe)
Rated Speed	1500/1800 rpm

Emission Standards

Emissions	Fuel Optimised
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50 Hz Typical Electrical Output

Prime	30 kVA
Standby	33 KVA

60 Hz Typical Electrical Output

Prime	27.9 kWe
Standby	30.6 kWe

General

Number of Cylinders	3 vertical inline
Bore	105 mm
Stroke	127 mm
Displacement	3.3 l
Compression Ratio	19.25:1
Aspiration	Naturally aspirated

Combustion System	Direct injection
Rotation from Flywheel End	Anti-clockwise
Cooling System	Liquid
Aftertreatment	-
Typical Alternator Efficiency	87%
Switchable	Yes

ElectropaK Dimensions

Length	1000 mm
Width	629 mm
Height	951 mm

Engine Dimensions*

Dry Weight	412 kg
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Disclaimer

Note 1	*Final dimensions dependent on selected options
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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 rating over each 24 hour period. Up to 300 hours of annual usage may be run continuously. No overload is permitted on Standby power.

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