

Product Specifications for 1103A-33TG

Total Power Range

Gross Mechanical Output	42 - 70 kWm
Typical Electrical Output	45-75 kVA (36-60 kWe)
Rated Speed	1500/1800 rpm

Emission Standards

Emissions	Fuel Optimised
-----------	----------------

50 Hz Typical Electrical Output

Prime	45 - 60 kVA
Standby	50 - 66 kVA

60 Hz Typical Electrical Output

Prime	43 - 55 kWe
Standby	47- 60 kWe

General

Number of Cylinders	3 vertical inline
Bore	105 mm
Stroke	127 mm
Displacement	3.3 l
Compression Ratio	17.3:1
Aspiration	Turbocharged

Combustion System	Direct injection
Rotation from Flywheel End	Anti-clockwise
Cooling System	Liquid
Aftertreatment	-
Typical Alternator Efficiency	89%
Switchable	Yes

ElectropaK Dimensions

Length	1150 mm
Width	760 mm
Height	1300 mm
Dry Weight	420 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 hour period. A 10% overload is available for 1 hour in every 12 hours of operation.
-------------	--

Standby Power	Limited to 500 hours annual usage, up to 300 hours of which may be continuous running. No overload is permitted.
---------------	--

1103A-33TG 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