

# PRODUCT SPECIFICATIONS FOR 1103A-33TG

---

## TOTAL POWER RANGE

---

<b>Gross Mechanical Output</b>	42 - 70 kWm
--------------------------------	-------------

<b>Typical Electrical Output</b>	45-75 kVA (36-60 kWe)
----------------------------------	-----------------------

<b>Rated Speed</b>	1500/1800 rpm
--------------------	---------------

---

## 50 HZ TYPICAL ELECTRICAL OUTPUT

---

<b>Prime</b>	45 - 60 kVA
--------------	-------------

<b>Standby</b>	50 - 66 kVA
----------------	-------------

---

## 60 HZ TYPICAL ELECTRICAL OUTPUT

---

<b>Prime</b>	43 - 55 kWe
--------------	-------------

<b>Standby</b>	47- 60 kWe
----------------	------------

---

## EMISSION STANDARDS

---

<b>Emissions</b>	Fuel Optimised
------------------	----------------

---

## GENERAL

---

<b>Number of Cylinders</b>	3 vertical inline
----------------------------	-------------------

<b>Bore</b>	105 mm
-------------	--------

<b>Stroke</b>	127 mm
---------------	--------

<b>Displacement</b>	3.3 l
---------------------	-------

<b>Compression Ratio</b>	17.3:1
<b>Aspiration</b>	Turbocharged
<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>	89%
<b>Switchable</b>	Yes

---

#### ELECTROPAK DIMENSIONS

---

<b>Length</b>	1150 mm
<b>Width</b>	760 mm
<b>Height</b>	1300 mm
<b>Dry Weight</b>	420 kg

---

#### DISCLAIMER

---

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

---

#### DEFINITIONS

---

<b>Prime Power</b>	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.
<b>Standby Power</b>	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