

# PRODUCT SPECIFICATIONS FOR 403A-15G

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## TOTAL POWER RANGE

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<b>Gross Mechanical Output</b>	12-18 kWm
<b>Typical Electrical Output</b>	13-19.5 kVA (10-15.6 kWe)
<b>Rated Speed</b>	1500/1800 rpm

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## 50 HZ TYPICAL ELECTRICAL OUTPUT

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<b>Prime</b>	13.1-14.7 kVA
<b>Standby</b>	14.5-16.2 kVA

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## 60 HZ TYPICAL ELECTRICAL OUTPUT

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<b>Prime</b>	14 kWe
<b>Standby</b>	15.6 kWe

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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 inline
<b>Bore</b>	84 mm
<b>Stroke</b>	90 mm
<b>Displacement</b>	1.5 l

<b>Compression Ratio</b>	22.5:1
<b>Aspiration</b>	Naturally aspirated
<b>Combustion System</b>	Indirect 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>	Available for some power nodes

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## ELECTROPAK DIMENSIONS

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<b>Length</b>	820 mm
<b>Width</b>	469 mm
<b>Height</b>	793 mm
<b>Dry Weight</b>	197 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>	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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## 402A 150 STANDARD EQUIPMENT

## 405A-15G STANDARD EQUIPMENT

### AIR INLET SYSTEM

Mounted air filter

### CONTROL SYSTEM

12 volt Electronic Shut Off Solenoid (ESOS) energised to run

12 volt starter motor and 12 volt 15 amp alternator with DC output

Glow plug cold start aid and heater/starter switch

Oil pressure and coolant temperature switches

### COOLING SYSTEM

Thermostatically-controlled system with belt driven coolant pump and pusher fan

Mounted radiator, piping and guards

### FLYWHEEL AND FLYWHEEL HOUSING

Flywheel housing SAE 4 long

High inertia flywheel to SAE J620 Size 190.5 mm (7½ in) heavy

### FUEL SYSTEM

Mechanically governed cassette type fuel injection pump

Split element fuel filter

### GENERAL

Front and rear engine mounting brackets

### OIL SYSTEM

Spin-on full flow lubrication oil filter

Wet steel sump with filler and dipstick