

# PRODUCT SPECIFICATIONS FOR 402J-05G

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## TOTAL POWER RANGE

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<b>Gross Mechanical Output</b>	3.6-4 kWm
<b>Typical Electrical Output</b>	3.5-3.9 kVA (2.8-3.2 kW <sub>e</sub> )
<b>Rated Speed</b>	1500 rpm

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## 50 HZ TYPICAL ELECTRICAL OUTPUT

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<b>Prime</b>	3.5 kVA
<b>Standby</b>	4 kVA

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## EMISSION STANDARDS

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<b>Emissions</b>	EU Stage V
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## GENERAL

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<b>Number of Cylinders</b>	2 inline
<b>Bore</b>	67 mm
<b>Stroke</b>	72 mm
<b>Displacement</b>	0.5 l
<b>Compression Ratio</b>	23.5:1
<b>Aspiration</b>	Naturally aspirated
<b>Combustion System</b>	Mechanical indirect injection
<b>Rotation from Flywheel End</b>	Anti-clockwise
<b>Cooling System</b>	Watercooled

<b>Aftertreatment</b>	-
<b>Typical Alternator Efficiency</b>	81%
<b>Switchable</b>	No

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ENGINE DIMENSIONS\*

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<b>Length</b>	406 mm
<b>Width</b>	371 mm
<b>Height</b>	523 mm
<b>Dry Weight</b>	70 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 hour period. A 10% overload is available for 1 hour in every 12 hours operation.
<b>Standby Power</b>	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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## 402J-05G STANDARD EQUIPMENT

ELECTRO UNIT

FUEL FILTER, ENGINE MOUNTED

FUEL PRIMING PUMP (MANUAL)

AIR FILTER ENGINE MOUNTED

AIR FILTER, ENGINE MOUNTED

FUEL SYSTEM

Starter motor

Battery charging alternator

FLYWHEEL HOUSING

FLYWHEEL

FAN

FAN GUARD

TEMPERATURE AND OIL PRESSURE FOR AUTOMATIC STOP/ALARM CONFIGURABLE