

PRODUCT SPECIFICATIONS FOR 403D-15G

TOTAL POWER RANGE

Gross Mechanical Output	12-19.7 kWm
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Typical Electrical Output	13-24 kVA (10-19 kW _e)
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Rated Speed	1500/1800/3000 rpm
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50 HZ TYPICAL ELECTRICAL OUTPUT

Prime	13.0-22 kVA
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Standby	14.5-24 kVA
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60 HZ TYPICAL ELECTRICAL OUTPUT

Prime	12.7 kW _e
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Standby	14 kW _e
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EMISSION STANDARDS

Emissions	EU Stage IIIA/U.S. EPA Tier 4 interim
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GENERAL

Number of Cylinders	3 inline
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Bore	84 mm
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Stroke	90 mm
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Displacement	1.5 l
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Compression Ratio	22.5:1
Aspiration	Naturally aspirated
Combustion System	Indirect injection
Rotation from Flywheel End	Anti-clockwise
Cooling System	Liquid
Aftertreatment	-
Typical Alternator Efficiency	87-88%
Switchable	No

ELECTROPAK DIMENSIONS

Length	820 mm
Width	476 mm
Height	791 mm
Dry Weight	197 kg

DISCLAIMER

Note 1	*Final dimensions dependent on selected options
Note 2	ESE (1800 rpm - Certified model) only - Emergency Stationary Equipment

DEFINITIONS

Prime Power	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.
Standby Power	Power available at variable load in the event of a main power network failure. No overload is permitted.

403D-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 65 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

1500/1800 rpm high inertia flywheel to SAE J620 size 7½ heavy flywheel housing SAE 4 long

3000 rpm high inertia flywheel to SAE J620 size 7½ light flywheel housing SAE 4 short

FUEL SYSTEM

Mechanically governed cassette type fuel injection pump

Split element fuel filter

GENERAL

Front and rear engine mounting bracket

OIL SYSTEM

Wet steel sump with filler and dipstick

Spin-on full flow lubricating oil filter