

PRODUCT SPECIFICATIONS FOR 403D-11G

TOTAL POWER RANGE

Gross Mechanical Output	8-18 kWm
Typical Electrical Output	9-20 kVA (7-16 kW _e)
Rated Speed	1500/1800/3000 rpm

50 HZ TYPICAL ELECTRICAL OUTPUT

Prime	9.0-18 kVA
Standby	10.0-20 kVA

60 HZ TYPICAL ELECTRICAL OUTPUT

Prime	9 kW _e
Standby	9.9 kW _e

EMISSION STANDARDS

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

Number of Cylinders	3 inline
Bore	77 mm
Stroke	81 mm
Displacement	1.1 l

Compression Ratio	23.0:1
Aspiration	Naturally aspirated
Combustion System	Indirect injection
Rotation from Flywheel End	Anti-clockwise
Cooling System	Liquid
Aftertreatment	-
Typical Alternator Efficiency	86-87%
Switchable	No

ELECTROPAK DIMENSIONS

Length	776 mm
Width	449 mm
Height	770 mm
Dry Weight	129 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-11G 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

Mounted radiator, piping and guards

Thermostatically controlled system with belt driven coolant pump and pusher fan

FLYWHEEL AND FLYWHEEL HOUSING

1500/1800 rpm High inertia flywheel to SAE J620 Size 6½ heavy flywheel housing SAE 5 Long

3000 rpm High inertia flywheel to SAE J620 Size 6½ light flywheel housing SAE 5 Short

FUEL SYSTEM

Mechanically governed cassette type fuel injection pump

Split element fuel filter

GENERAL

Front and rear engine mounting brackets

OIL SYSTEM

Wet steel sump with filler and dipstick

Spin-on full flow lubricating oil filter