

# Product Specifications for 403D-11G



## Total Power Range

<b>Gross Mechanical Output</b>	8-18 kWm
<b>Typical Electrical Output</b>	9-20 kVA (7-16 kWe)
<b>Rated Speed</b>	1500/1800/3000 rpm

## Emission Standards

<b>Emissions</b>	UN ECE R96 Stage IIIA constant speed and U.S. EPA Stationary Emergency Engine
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## 50 Hz Typical Electrical Output

<b>Prime</b>	9.0-18 kVA
<b>Standby</b>	10.0-20 kVA

## 60 Hz Typical Electrical Output

<b>Prime</b>	9 kWe
<b>Standby</b>	9.9 kWe

## General

<b>Number of Cylinders</b>	3 inline
<b>Bore</b>	77 mm
<b>Stroke</b>	81 mm
<b>Displacement</b>	1.1 l
<b>Compression Ratio</b>	23.0:1
<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>	86-87%
<b>Switchable</b>	No

## ElectropaK Dimensions

<b>Length</b>	776 mm
<b>Width</b>	449 mm
<b>Height</b>	770 mm
<b>Dry Weight</b>	129 kg

## Disclaimer

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

## Definitions

<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.

## 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