

# Product Specifications for 1104D-E44TAG



## Total Power Range

<b>Gross Mechanical Output</b>	78-120 kWm
<b>Typical Electrical Output</b>	80-125 kVA (64-100 kWe)
<b>Rated Speed</b>	1500/1800 rpm

## Emission Standards

<b>Emissions</b>	EU Stage IIIA/U.S. EPA Tier 3
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## 50 Hz Typical Electrical Output

<b>Prime</b>	80.0-100 kVA
<b>Standby</b>	88.0-110 kVA

## 60 Hz Typical Electrical Output

<b>Prime</b>	72.7-90.9 kWe
<b>Standby</b>	80.0-100 kWe

## General

<b>Number of Cylinders</b>	4 inline
<b>Bore</b>	105 mm
<b>Stroke</b>	127 mm
<b>Displacement</b>	4.4 l
<b>Compression Ratio</b>	16.7:1
<b>Aspiration</b>	Turbocharged air-to-air charge cooled

<b>Combustion System</b>	Direct injection
<b>Rotation from Flywheel End</b>	Anti-clockwise
<b>Cooling System</b>	Liquid
<b>Aftertreatment</b>	-
<b>Typical Alternator Efficiency</b>	90%
<b>Switchable</b>	Yes

## ElectropaK Dimensions

<b>Length</b>	1358 mm
<b>Width</b>	746 mm
<b>Height</b>	1087 mm
<b>Dry Weight</b>	448 kg

## Disclaimer

<b>Note 1</b>	*Final dimensions dependent on selected options
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**Note 2** ESE (1800 rpm) 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.

## 1104D-E44TAG Standard Equipment

### Air inlet system

Mounted air filter and turbocharger

## Control system

12 volt starter motor and 12 volt 65 amp alternator with DC output

## Cooling system

22 inch belt driven pusher fan and guards

Radiator (incorporating air-to-air charge cooler)

Water pump

## Flywheels and flywheel housing

High inertia flywheel to SAE J620 size 10/11½

SAE No. 3 flywheel housing

## Fuel system

Electronic governing (conforms to Class G3 ISO 8528-5)

Fuel filter

## General

Glow plug start aid

## Oil system

Oil filter

Wet cast iron sump with filler and dipstick