

PRODUCT SPECIFICATIONS FOR 1104D-E44TAG

TOTAL POWER RANGE

Gross Mechanical Output	78-120 kWm
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Typical Electrical Output	80-125 kVA (64-100 kW _e)
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Rated Speed	1500/1800 rpm
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50 HZ TYPICAL ELECTRICAL OUTPUT

Prime	80.0-100 kVA
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Standby	88.0-110 kVA
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60 HZ TYPICAL ELECTRICAL OUTPUT

Prime	72.7-90.9 kW _e
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Standby	80.0-100 kW _e
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EMISSION STANDARDS

Emissions	EU Stage IIIA/U.S. EPA Tier 3
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GENERAL

Number of Cylinders	4 inline
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Bore	105 mm
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Stroke	127 mm
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Displacement	4.4 l
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Compression Ratio	16.7:1
Aspiration	Turbocharged air-to-air charge cooled
Combustion System	Direct injection
Rotation from Flywheel End	Anti-clockwise
Cooling System	Liquid
Aftertreatment	-
Typical Alternator Efficiency	90%
Switchable	Yes

ELECTROPAK DIMENSIONS

Length	1358 mm
Width	746 mm
Height	1087 mm
Dry Weight	448 kg

DISCLAIMER

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

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