

Product Specifications for 1106D-E70TAG



Total Power Range

Gross Mechanical Output	136-209 kWm
Typical Electrical Output	123-219 kVA (114-175 kWe)
Rated Speed	1500/1800 rpm

Emission Standards

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

Prime	123.0-180 kVA
Standby	135.0-200 kVA

60 Hz Typical Electrical Output

Prime	130.0-182 kWe
Standby	143.0-200 kWe

General

Number of Cylinders	6 vertical inline
Bore	105 mm
Stroke	135 mm
Displacement	7 l
Compression Ratio	16.8:1
Aspiration	Turbocharged aftercooled

Combustion System	Direct injection
Rotation from Flywheel End	Anti-clockwise
Cooling System	Liquid
Aftertreatment	-
Typical Alternator Efficiency	91-92%
Switchable	Yes

ElectropaK Dimensions

Length	1763 mm
Width	788 mm
Height	1142 mm
Dry Weight	788 kg

Disclaimer

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

Definitions

Prime Power	Unlimited hours usage with an average load factor of 80% of the published prime power over each 24 hour period. A 10% overload is available for 1 hour in every 12 hours operation.
Standby Power	Limited to 500 hours annual usage, with an average load factor of 80% of the published standby power rating over each 24 hour period. Up to 300 hours of annual usage may be run continuously. No overload is permitted on standby power.

1106D-E70TAG Standard Equipment

Air inlet system

Air cleaner and bracket
Exhaust manifold
Induction manifold

Control system

Alternator
Starter motor

Cooling system

Tropical radiator pipes and guards

Flywheels and flywheel housing

Flywheel and starter ring

Fuel system

Fuel filter

General

Cold start aids
Engine mountings

Oil system

Lubricating oil sump
Oil filter