

Product Specifications for 2806A-E18TAG



Total Power Range

Gross Mechanical Output	540-678 kWm
Typical Electrical Output	600-750 kVA (480-600 kW _e)
Rated Speed	1500/1800 rpm

Emission Standards

Emissions	Fuel Optimised
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50 Hz Typical Electrical Output

Prime	600-650 kVA
Standby	660-700 kVA

60 Hz Typical Electrical Output

Prime	500-545 kW _e
Standby	550-600 kW _e

General

Number of Cylinders	6 vertical inline
Bore	145 mm
Stroke	183 mm
Displacement	18.1 l
Compression Ratio	14.5:1
Aspiration	Parallel Turbocharged and air-to-air charge cooled

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

ElectropaK Dimensions

Length	2545 mm
Width	1536 mm
Height	1808 mm
Dry Weight	2050 kg

Disclaimer

Note 1	*Final dimensions dependent on selected options
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Definitions

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

2806A-E18TAG Standard Equipment

Air inlet system

Mounted air filter

Cooling system

Gear-driven circulating pump
Low coolant level switch
Mounted belt-driven fan
Radiator incorporating air-to-air charge cooler, (supplied loose)
System designed for ambients up to 50°C (122°F)

Electrical equipment

3 level engine protection system
24 volt starter motor and 24 volt 70 amp alternator with DC output
ECM mounted on engine with wiring looms and sensors

Flywheels and flywheel housing

High inertia flywheel to SAE J620 size 18
SAE 'O' flywheel housing

Fuel system

Fuel cooler
Governing to ISO 8528-5 class G2 with isochronous capability
Mechanically actuated electronically controlled unit fuel injectors with full authority electronic control
Replaceable 'Ecoplus' fuel filter elements with primary filter/water separator

Mountings

Front engine mounting bracket

Oil system

Full-flow replaceable 'Ecoplus' filter
Oil cooler integral with filter header
Wet sump with filler and dipstick

Optional equipment

110 volt/240 volt immersion heater
Additional speed sensor
Air filter rain hood
Electric hours counter
Temperature and pressure sensors for gauges
Tool kit
Twin starters/facility for second starter