

Product Specifications for 2806A-E18TTAG

Total Power Range

Gross Mechanical Output	623-821 kWm
Typical Electrical Output	706 - 938 kVA (565 - 750 kW _e)
Rated Speed	1500/1800 rpm

Emission Standards

Emissions	Fuel Optimised
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50 Hz Typical Electrical Output

Prime	706-770 kVA
Standby	780-850 kVA

60 Hz Typical Electrical Output

Prime	642-680 kW _e
Standby	710-750 kW _e

General

Number of Cylinders	6 vertical inline
Bore	145 mm
Stroke	183 mm
Displacement	18.1 l
Compression Ratio	14:01
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	95%
Switchable	Yes

ElectropaK Dimensions

Length	2538 mm
Width	1691 mm
Height	2126 mm
Dry Weight	2361 kg

Disclaimer

Note 1	*Final dimensions dependent on selected options
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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.

2806A-E18TTAG Standard Equipment

Air inlet system

Mounted air filter

Cooling system

Gear driven circulating pump
Low coolant level switch
Mounted belt driven pusher 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 50 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 14
SAE 1 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 fuel filter elements with primary filter/water separator

Mountings

Front engine mounting bracket

Oil system

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