

# Product Specifications for 2506A-E15TAG



## Total Power Range

<b>Gross Mechanical Output</b>	412-568 kWm
<b>Typical Electrical Output</b>	455-624 kVA (364-500 kW <sub>e</sub> )
<b>Rated Speed</b>	1500/1800 rpm

## 50 Hz Typical Electrical Output

<b>Prime</b>	455-500 kVA
<b>Standby</b>	500-550 kVA

## 60 Hz Typical Electrical Output

<b>Prime</b>	410-455 kW <sub>e</sub>
<b>Standby</b>	450-500 kW <sub>e</sub>

## Emission Standards

<b>Emissions</b>	Fuel Optimised
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## General

<b>Number of Cylinders</b>	6 vertical inline
<b>Bore</b>	137 mm
<b>Stroke</b>	171 mm
<b>Displacement</b>	15.2 l
<b>Compression Ratio</b>	16.0:1
<b>Aspiration</b>	Turbocharged and air-to-air charge cooled
<b>Combustion System</b>	Direct injection

<b>Rotation from Flywheel End</b>	Anti-clockwise
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<b>Cooling System</b>	Liquid
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<b>Aftertreatment</b>	-
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<b>Typical Alternator Efficiency</b>	92%
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<b>Switchable</b>	Yes
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## ElectropaK Dimensions

<b>Length</b>	2657 mm
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<b>Width</b>	1120 mm
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<b>Height</b>	1718 mm
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<b>Dry Weight</b>	1633 kg
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## Disclaimer

<b>Note 1</b>	*Final dimensions dependent on selected options
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## Definitions

<b>Prime Power</b>	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
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<b>Standby Power</b>	Variable load. Limited to 500 hours annual usage up to 300 hours of which may be continuous running. No overload is permitted
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## 2506A-E15TAG Standard Equipment

### Air inlet system

Mounted air filter

### Cooling system

Gear-driven circulating pump

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 14  
SAE ½ flywheel housing

## Fuel system

Fuel cooler  
Governing to ISO 8528-5 class G3 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  
Closed circuit crankcase ventilation system  
Temperature and pressure sensors for gauges  
Tool kit  
Twin starters/facility for second starter