

# Product Specifications for 2206A-E13TAG



## Total Power Range

|                                  |  |
|----------------------------------|--|
| <b>Gross Mechanical Output</b>   | 324-461 kWm                            |
| <b>Typical Electrical Output</b> | 350-500 kVA (280-400 kW <sub>e</sub> ) |
| <b>Rated Speed</b>               | 1500/1800 rpm                          |

## 50 Hz Typical Electrical Output

|                |             |
|----------------|-------------|
| <b>Prime</b>   | 350-400 kVA |
| <b>Standby</b> | 400-450 kVA |

## 60 Hz Typical Electrical Output

|                |                         |
|----------------|-------------------------|
| <b>Prime</b>   | 320-350 kW <sub>e</sub> |
| <b>Standby</b> | 350-400 kW <sub>e</sub> |

## Emission Standards

|                  |                |
|------------------|----------------|
| <b>Emissions</b> | Fuel Optimised |
|------------------|----------------|

## General

|                            |   |
|----------------------------|---|
| <b>Number of Cylinders</b> | 6 vertical inline                         |
| <b>Bore</b>                | 130 mm                                    |
| <b>Stroke</b>              | 157 mm                                    |
| <b>Displacement</b>        | 12.5 l                                    |
| <b>Compression Ratio</b>   | 16.3:1                                    |
| <b>Aspiration</b>          | Turbocharged and air-to-air charge cooled |
| <b>Combustion System</b>   | Direct injection                          |

|                                   |                |
|-----------------------------------|----------------|
| <b>Rotation from Flywheel End</b> | Anti-clockwise |
|-----------------------------------|----------------|

|                       |        |
|-----------------------|--------|
| <b>Cooling System</b> | Liquid |
|-----------------------|--------|

|                       |   |
|-----------------------|---|
| <b>Aftertreatment</b> | - |
|-----------------------|---|

|                                      |     |
|--------------------------------------|-----|
| <b>Typical Alternator Efficiency</b> | 92% |
|--------------------------------------|-----|

|                   |     |
|-------------------|-----|
| <b>Switchable</b> | Yes |
|-------------------|-----|

## ElectropaK Dimensions

|               |         |
|---------------|---------|
| <b>Length</b> | 2410 mm |
|---------------|---------|

|              |         |
|--------------|---------|
| <b>Width</b> | 1120 mm |
|--------------|---------|

|               |         |
|---------------|---------|
| <b>Height</b> | 1725 mm |
|---------------|---------|

|                   |         |
|-------------------|---------|
| <b>Dry Weight</b> | 1478 kg |
|-------------------|---------|

## Disclaimer

|               |   |
|---------------|---|
| <b>Note 1</b> | *Final dimensions dependent on selected options |
|---------------|---|

## Definitions

|                    |  |
|--------------------|--|
| <b>Prime Power</b> | Variable load, Unlimited hours usage with an average load factor of 70% of the published prime power rating over each 24 hour period, A 10% overload is available for 1 hour in every 12 hours of operation. |
|--------------------|--|

|                      |  |
|----------------------|--|
| <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. |
|----------------------|--|

## 2206A-E13TAG Standard Equipment

### Air inlet system

Mounted air filter

### Cooling system

Gear-driven circulating pump  
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 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 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 '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  
Temperature and pressure sensors for gauges  
Tool kit  
Twin starters/facility for second starter