

# Product Specifications for 1106A-70TAG



## Total Power Range

|                                  |                           |
|----------------------------------|---------------------------|
| <b>Gross Mechanical Output</b>   | 140-204 kWm               |
| <b>Typical Electrical Output</b> | 150-220 kVA (120-176 kWe) |
| <b>Rated Speed</b>               | 1500/1800 rpm             |

## Emission Standards

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

## 50 Hz Typical Electrical Output

|                |               |
|----------------|---------------|
| <b>Prime</b>   | 150.0-200 kVA |
| <b>Standby</b> | 165.0-220 kVA |

## 60 Hz Typical Electrical Output

|                |                 |
|----------------|-----------------|
| <b>Prime</b>   | 132.0-156.8 kWe |
| <b>Standby</b> | 146.5-173 kWe   |

## General

|                            |                          |
|----------------------------|--------------------------|
| <b>Number of Cylinders</b> | 6 vertical inline        |
| <b>Bore</b>                | 105 mm                   |
| <b>Stroke</b>              | 135 mm                   |
| <b>Displacement</b>        | 7.01 l                   |
| <b>Compression Ratio</b>   | 16:1-18.2:1              |
| <b>Aspiration</b>          | Turbocharged aftercooled |

|                                      |                  |
|--------------------------------------|------------------|
| <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> | 91-92%           |
| <b>Switchable</b>                    | Yes              |

## ElectropaK Dimensions

|                   |         |
|-------------------|---------|
| <b>Length</b>     | 1706 mm |
| <b>Width</b>      | 756 mm  |
| <b>Height</b>     | 1092 mm |
| <b>Dry Weight</b> | 743 kg  |

## Disclaimer

**Note 1** \*Final dimensions dependent on selected options

## Definitions

**Prime Power** Unlimited hours usage, with an average load factor of 80% 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.

## 1106A-70TAG Standard Equipment

### Air inlet system

Air cleaner and brackets  
 Exhaust manifold  
 Induction manifold

## Cooling system

Tropical radiator pipes and guards

## Control system

Alternator

Starter motor

## Flywheels and flywheel housing

Flywheel and starter ring

## Fuel system

Fuel filter

## General

Cold start aid

Engine mountings

## Oil system

Lubricating oil sump

Oil filters