

# PRODUCT SPECIFICATIONS FOR P300-5

## GENERATOR SET SPECIFICATIONS

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<b>Minimum Rating</b>	275 kVA / 220 kW
<b>Maximum Rating</b>	300 kVA / 240 kW
<b>Emissions/Fuel Strategy</b>	Fuel Optimised
<b>50 Hz Prime</b>	275 kVA / 220 kW
<b>50 Hz Standby</b>	300 kVA / 240 kW
<b>Frequency</b>	50 Hz
<b>Speed</b>	1500 RPM
<b>Voltage</b>	115-415 Volts

## ENGINE SPECIFICATIONS

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<b>Engine Model</b>	Perkins® 1506A-E88TAG4
<b>Bore</b>	112 mm (4.4 in)
<b>Stroke</b>	149 mm (5.9 in)
<b>Governor Type</b>	Electronic
<b>Displacement</b>	8.8l (537 cu. in)
<b>Compression Ratio</b>	16.1:1

## P300-5 STANDARD EQUIPMENT

### ENGINE

- Air Cleaner
- Lube oil drain valve
- Engine filled with lubrication oil
- High Coolant Temperature Shutdown
- Low Oil Pressure Shutdown

### COOLING

- Coolant Drain Valve
- Fan, Fan drive and battery charging Alternator drive fully guarded to meet EC Machinery Directive
- Cooling System filled with Coolant mix

- Radiator and Cooling Fan

## **EXHAUST**

- Exhaust stub pipe and gasket

## **FUEL**

- 8 Hr Fuel Tank
- Fuel Fittings for Local and Remote Feed

## **ALTERNATOR**

- FG Wilson
- SHUNT Excitation
- IP23 Protection
- Coastal Insulation Protection

## **CONTROL PANEL**

- PowerWizard 1.1+

## **MOUNTING**

- Base, Formed Steel with Single wall Fuel Tank
- Certified Base Mounted Lifting Eyes, and Rear Drag Eyelets
- Battery Tray and Cables

# **P300-5 OPTIONAL EQUIPMENT**

## **EXHAUST**

- Industrial, Residential, Critical Silencers

## **ALTERNATOR**

- Quadrature Droop Kit
- Anti-Condensation Heater and Panel Circuitry (AH1)

## **CONTROL PANELS**

- PowerWizard 2.1 Control Panel (PWT2.1)
- EasYgen 2500 control panel

## **STARTING/CHARGING**

- Calcium battery (Dry)

## **GENERAL**

- Upgrade to Standard Set for "CE" Certification
- Compact Skid Base for Open Sets
- Sound attenuated, steel or galvanised enclosure
- Dual wall fuel tanks

## **ENCLOSURE**

- Compliance to European Community Directive 2000/14/EC
- Super sound attenuation for residential areas
- Totally enclosed exhaust silencing system
- 50dB High ambient capability available
- Robust and highly corrosion resistant construction