

PRODUCT SPECIFICATIONS FOR P550-2

GENERATOR SET SPECIFICATIONS

| | |
|--------------------------------|----------------------------|
| Minimum Rating | 500 kVA / 400 kW |
| Maximum Rating | 550 kVA / 440 kW |
| Emissions/Fuel Strategy | EUIIIa Emissions Compliant |
| 50 Hz Prime | 500 kVA / 400 kW |
| 50 Hz Standby | 550 kVA / 440 kW |
| Frequency | 50 Hz |
| Speed | 1500 RPM |
| Voltage | 220-415 Volts |

ENGINE SPECIFICATIONS

| | |
|--------------------------|------------------------|
| Engine Model | Perkins® 2506D-E15TAG2 |
| Bore | 137 mm (5.4 in) |
| Stroke | 171 mm (6.7 in) |
| Governor Type | Electronic |
| Displacement | 15.2l (927.6 cu. in) |
| Compression Ratio | 16.0:1 |

P550-2 STANDARD EQUIPMENT

ENGINE

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

COOLING

- Package mounted radiator
- Radiator fan and charging alternator guards

- Coolant Drain Valve
- Cooling System filled with Coolant mix

EXHAUST

- Exhaust flange outlet
- Exhaust bellows and gasket

FUEL

- 8 Hr Fuel Tank
- BSP Fuel Sockets

ALTERNATOR

- Leroy Somer
- SHUNT Excitation
- IP23 Protection

CONTROL PANEL

- PowerWizard 1.1+

MOUNTING

- Robust steel constructed base frame
- Base frame drag and lift points
- Captive linear vibration isolators between base and engine-generator
- Battery Tray and Cables

P550-2 OPTIONAL EQUIPMENT

EXHAUST

- Industrial, Residential, Critical Silencers

ALTERNATOR

- Quadrature Droop Kit (AR6)
- Anti-Condensation Heater and Panel Circuitry (AH1)
- AREP / PMG excitation

- AVR Upgrades
- Three phase sensing
- Oversize Alternator
- Coastal ingress protection alternator

CONTROL PANELS

- PowerWizard 2.1
- easYgen-2500

STARTING/CHARGING

- Heavy duty dry battery
- Battery charger with auto boost

GENERAL

- Upgrade to Standard Set for "CE" Certification
- EEC Declaration of Conformity
- Dual wall base tank (8 hrs)
- Sound attenuated or High ambient enclosures
- Battery isolator switch

ENCLOSURE

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