

# 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