

# Product Specifications For P605-3

## Generator Set Specifications

|                         |                  |
|-------------------------|------------------|
| Minimum Rating          | 550 kVA / 440 kW |
| Maximum Rating          | 605 kVA / 484 kW |
| Emissions/Fuel Strategy | Fuel Optimised   |
| 50 Hz Prime             | 550 kVA / 440 kW |
| 50 Hz Standby           | 605 kVA / 484 kW |
| Frequency               | 50 Hz            |
| Speed                   | 1500 RPM         |
| Voltage                 | 220-415 Volts    |

## Engine Specifications

|                   |                        |
|-------------------|------------------------|
| Engine Model      | Perkins® 2806A-E18TAG1 |
| Bore              | 145 mm (5.7 in)        |
| Stroke            | 183.0mm (7.2 in)       |
| Governor Type     | Electronic             |
| Displacement      | 18.1l (1104.5 cu. in)  |
| Compression Ratio | 14.5:1                 |

## P605-3 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

FG Wilson  
SHUNT Excitation  
IP21 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

## P605-3 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

Leroy Somer

## 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

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