

# Product Specifications For P938-1

## Generator Set Specifications

Minimum Rating	850 kVA / 680 kW
Maximum Rating	938 kVA / 750 kW
Emissions/Fuel Strategy	Fuel Optimised
60 Hz Prime	850 kVA / 680 kW
60 Hz Standby	938 kVA / 750 kW
Frequency	60 Hz
Speed	1800 RPM
Voltage	127 - 480 Volts

## Engine Specifications

Engine Model	Perkins® 2806A-E18TTAG7
Bore	145 mm (5.7 in)
Stroke	183.0mm (7.2 in)
Governor Type	Electronic
Displacement	18.1l (1104.5 cu. in)
Compression Ratio	14.0:1

## P938-1 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  
IP23 Protection

## Control Panel

PowerWizard 2.1+

## 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

## P938-1 Optional Equipment

### Exhaust

Industrial, Residential, Critical Silencers

### Alternator

Quadrature Droop Kit (AR6)  
Anti-Condensation Heater and Panel Circuitry  
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 (8 hrs)

Sound attenuated or High ambient enclosures - Coming Soon

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