

PRODUCT SPECIFICATIONS FOR P850-1

GENERATOR SET SPECIFICATIONS

Minimum Rating	770 kVA / 616 kW
Maximum Rating	850 kVA / 680 kW
Emissions/Fuel Strategy	Fuel Optimised
50 Hz Prime	770 kVA / 616 kW
50 Hz Standby	850 kVA / 680 kW
Frequency	50 Hz
Speed	1500 RPM
Voltage	230-400 Volts

ENGINE SPECIFICATIONS

Engine Model	Perkins® 2806A-E18TTAG5
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

P850-1 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

P850-1 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