

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