

PRODUCT SPECIFICATIONS FOR P12-1S

GENERATOR SET SPECIFICATIONS

Minimum Rating	11 kVA / 11 kW
Maximum Rating	12 kVA / 12 kW
Emissions/Fuel Strategy	Fuel Optimised
50 Hz Prime	11 kVA / 11 kW
50 Hz Standby	12 kVA / 12 kW
60 Hz Prime	- / -
60 Hz Standby	—
Frequency	50 Hz
Speed	1500 RPM
Voltage	220-240 Volts

50 Hz Prime Rating

These ratings are applicable for supplying continuous electrical power (at variable load) in lieu of commercially purchased power. There is no limitation to the annual hours of operation and this model can supply 10% overload power for 1 hour in 12 hours.

60 Hz Prime Rating

These ratings are applicable for supplying continuous electrical power (at variable load) in the event of a utility power failure. No overload is permitted on these ratings. The alternator on this model is peak continuous rated (as defined in ISO 8528-3).

50 Hz Standby Rating

Standard reference conditions 25°C (77°F) Air Inlet Temp, 100m (328 ft) A.S.L. 30% relative humidity. Fuel consumption data at full load with diesel fuel with specific gravity of 0.85 and conforming to BS2869: 1998, Class A2.

ENGINE SPECIFICATIONS

Engine Model	Perkins® 403A-15G2
Bore	84 mm (3.3 in)
Stroke	90 mm (3.5 in)
Governor Type	Mechanical
Displacement	1.5L (91.3 cu. in)
Compression Ratio	22.5:01

P12-1S STANDARD EQUIPMENT

ENGINE

- Air Cleaner
- Lube oil drain valve
- Engine filled with lubrication oil
- High Coolant Temperature Shutdown
- Low Oil Pressure Shutdown

COOLING

- Package mounted radiator
- Radiator & Cooling Fan
- Coolant Drain Valve
- Fan, Fan drive and battery charging Alternator drive fully guarded to meet EC Machinery Directive
- Cooling System filled with Coolant mix

EXHAUST

- Exhaust flange outlet
- Exhaust stub pipe and gasket

FUEL

- 8 Hr Fuel Tank or Skidbase
- Fuel Fittings for Local and Remote Feed

ALTERNATOR

- FG Wilson Alternator
- SHUNT Excitation
- IP23 Protection

CONTROL PANEL

- FG100

MOUNTING

- Skid Base, Formed Steel

- Anti-vibration mounts
- Base, Formed Steel with Skid base or Single wall Fuel Tank
- Certified Base Mounted Lifting Eyes, and Rear Drag Eyelets
- Anti-vibration mounts
- Battery Tray and Cables

P12-1S OPTIONAL EQUIPMENT

EXHAUST

- Industrial, Residential, Critical Silencers

ALTERNATOR

- Leroy Somer Alternator
- Quadrature Droop Kit
- Anti-Condensation Heater and Panel Circuitry

CONTROL PANELS

- DSE4520
- DSE7320
- DSE7410
- Deep Sea DSE7420


GENERAL

- 8 Hour, 600L, 1000L, 2000L fuel tanks
- Dual wall fuel tanks
- Upgrade to Standard Set for "CE" Certification
- EEC Declaration of Conformity
- Narrow, Wide or Skid Base
- Sound attenuated, steel or galvanised enclosure
- Dual wall fuel tanks

STARTING/CHARGING

- Lead Acid battery (Dry)

ENCLOSURE

- Compliance to  European Community Directive 2000/14/EC
- Super sound attenuation for residential areas
- Totally enclosed exhaust silencing system
- Robust and highly corrosion resistant construction
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