

PRODUCT SPECIFICATIONS FOR P1000-1

GENERATOR SET SPECIFICATIONS

Minimum Rating	910 kVA / 728 kW
Maximum Rating	1000 kVA / 800 kW
Emissions/Fuel Strategy	Fuel Optimised
50 Hz Prime	730 kVA / 584 kW
50 Hz Standby	1000 kVA / 800 kW
Frequency	50 Hz
Speed	1500 RPM
Voltage	220-415 Volts

ENGINE SPECIFICATIONS

Engine Model	Perkins® 4008TAG1A
Bore	160 mm (6.3 in)
Stroke	190 mm (7.5 in)
Governor Type	Electronic
Displacement	30.6l (1864.9 cu. in)
Compression Ratio	13.6:1

P1000-1 STANDARD EQUIPMENT

ENGINE

- Air Cleaner
- Engine filled with lubrication oil
- Low Coolant Temperature Shutdown
- Perkins 4000 Series 8 cylinder engine
- Electronic governor
- Engine mounted fuel/water separator
- Lube drain valve

COOLING

- Package mounted radiator

- Coolant Drain Valve
- Engine mounted battery charging alternator
- Cooling System filled with Coolant mix
- Charge air cooled

EXHAUST

- Industrial silencer

FUEL

- Fuel Cooler

ALTERNATOR

- Leroy Somer
- AREP Excitation
- IP23 Protection

CONTROL PANEL

- PowerWizard 1.1+

MOUNTING

- Rigid steel base frame
- Lifting points on base frame

P1000-1 OPTIONAL EQUIPMENT

EXHAUST

- Industrial, Residential, Critical Silencers
- Catalytic converters
- Heat Exchangers
- Special spark arrestor silencers/certification

ALTERNATOR

- Quadrature Droop Kit
- Anti-Condensation Heater and Panel Circuitry

- Increased alternator ingress protection
- HV alternators

CONTROL PANELS

- PowerWizard 2.1
- easYgen-2500, 3200, 3500
- ComAp
- Deep Sea
- Customer tailored PLC System
- Remote monitoring
- Increased Control Panel Ingress Protection
- Stand alone ATI transfer panel

STARTING/CHARGING

- Lead Acid battery
- Dual and air starting systems

GENERAL

- Upgrade to Standard Set for "CE" Certification
- Sound attenuated enclosures
- Spring, Seismic anti-vibration mounts
- Customer witness test
- Remote cooling
- Coolant heater
- 4-Pole circuit breaker
- Motorised circuit breaker
- LV and HV switchgear

FUEL

- Fuel transfer systems
- Integral metal fuel tank