

Product Specifications For P1000-1M / 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

P1000-1M / 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

Fuel

Fuel Cooler

Alternator

FG Wilson
Auxillary Winding Excitation
IP23 Protection

Control Panel

Deep Sea 7410

Mounting

Rigid steel base frame
Lifting points on base frame

P1000-1M / 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

ComAp MRS16, IG200
Deep Sea 7420

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