

PRODUCT SPECIFICATIONS FOR P1875-1

GENERATOR SET SPECIFICATIONS

Minimum Rating	1700 kVA / 1360 kW
Maximum Rating	1875 kVA / 1500 kW
Emissions/Fuel Strategy	Fuel Optimised
50 Hz Prime	1700 kVA / 1360 kW
50 Hz Standby	1875 kVA / 1500 kW
Frequency	50 Hz
Speed	1500 RPM
Voltage	220-415 Volts

ENGINE SPECIFICATIONS

Engine Model	Perkins® 4012-46TAG3A
Bore	160 mm (6.3 in)
Stroke	190 mm (7.5 in)
Governor Type	Electronic
Displacement	45.8l (2794.9 cu. in)
Compression Ratio	13.0:1

P1875-1 STANDARD EQUIPMENT

ENGINE

- Air Cleaner
- Engine filled with lubrication oil
- Low Coolant Temperature Shutdown
- Perkins 4000, Series 6, 8, 12 and 16 cylinder engine range
- Electronic governor
- Engine mounted fuel/water separator
- Lube drain valve (910 kVA to 2500 kVA)

COOLING

- Package mounted radiator

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

EXHAUST

- Industrial silencer

FUEL

- Fuel Cooler

ALTERNATOR

- Leroy Somer
- AREP Excitation
- IP23 Protection

CONTROL PANEL

- PowerWizard 1.1+

MOUNTING

- Base, Formed Steel with Single wall Fuel Tank
- Lifting points on base frame

P1875-1 OPTIONAL EQUIPMENT

EXHAUST

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

ALTERNATOR

- Quadrature Droop Kit (AR6)
- Anti-Condensation Heater and Panel Circuitry (AH1)

- Increased alternator ingress protection
- HV alternators

CONTROL PANELS

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

STARTING/CHARGING

- Lead Acid battery (Dry)
- 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
- 50 degree C radiator and package
- Coolant heater
- 4-Pole circuit breaker
- Motorised circuit breaker
- LV and HV switchgear

FUEL

- Bi-fuel options (TWG and TRG only)

- Fuel transfer systems (730 - 900 kVA)
- Integral metal fuel tank (730 - 900 kVA)