

# Product Specifications For P1875-1M / 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

## P1875-1M / 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

FG Wilson

AREP Excitation

IP23 Protection

## Control Panel

Deep Sea 7410

## Mounting

Base, Formed Steel with Single wall Fuel Tank

Lifting points on base frame

## P1875-1M / 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

ComAp MRS16, IG200

Deep Sea 7420

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)