

Product Specifications For P1500-1M / P1500-1

Generator Set Specifications

Minimum Rating	1350 kVA / 1080 kW
Maximum Rating	1500 kVA / 1200 kW
Emissions/Fuel Strategy	Fuel Optimised
50 Hz Prime	1350 kVA / 1080 kW
50 Hz Standby	1500 kVA / 1200 kW
Frequency	50 Hz
Speed	1500 RPM
Voltage	220-415 Volts

Engine Specifications

Engine Model	Perkins® 4012-46TWG3A
Bore	160 mm (6.3 in)
Stroke	190 mm (7.5 in)
Governor Type	Electronic
Displacement	45.8l (2797.5 cu. in)
Compression Ratio	13.0:1

P1500-1M / P1500-1 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

P1500-1M / P1500-1 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)