

Product Specifications For 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
60 Hz Prime	1350 kVA / 1080 kW
60 Hz Standby	1500 kVA / 1200 kW
Frequency	50 /60 Hz
Speed	1500 /1800 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

P1500-1 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

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

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)