

Product Specifications For P2500-1D

Generator Set Specifications

Maximum Rating	2500 kVA / 2000 kW
Emissions/Fuel Strategy	Fuel Optimised
50 Hz Standby	2500 kVA / 2000 kW DCC
Frequency	50 Hz
Speed	1500 RPM
Voltage	220-415 Volts

Engine Specifications

Engine Model	Perkins® 4016-61TRG3X
Bore	160 mm (6.3 in)
Stroke	190 mm (7.5 in)
Governor Type	Electronic
Displacement	61.1l (3730 cu. in)
Compression Ratio	13.0:1

P2500-1D Standard Equipment

Engine

- Air Cleaner
- Engine filled with lubrication oil
- Low Coolant Temperature Shutdown
- Perkins 4000, Series 16 cylinder engine
- 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

Deep Sea 7410

Mounting

Base, Formed Steel with Single wall Fuel Tank

Lifting points on base frame

P2500-1D 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

Deep Sea 7420

easYgen-2500, 3200, 3500

CompAp
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
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)