

# PRODUCT SPECIFICATIONS FOR P1250-1

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## GENERATOR SET SPECIFICATIONS

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<b>Minimum Rating</b>	1125 kVA / 900 kW
<b>Maximum Rating</b>	1250 kVA / 1000 kW
<b>Emissions/Fuel Strategy</b>	Fuel Optimised
<b>50 Hz Prime</b>	1125 kVA / 900 kW
<b>50 Hz Standby</b>	1250 kVA / 1000 kW
<b>Frequency</b>	50 Hz
<b>Speed</b>	1500 RPM
<b>Voltage</b>	220-415 Volts

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## ENGINE SPECIFICATIONS

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<b>Engine Model</b>	Perkins® 4008-30TAG3
<b>Bore</b>	160 mm (6.3 in)
<b>Stroke</b>	190 mm (7.5 in)
<b>Governor Type</b>	Electronic
<b>Displacement</b>	30.6l (1867.3 cu. in)
<b>Compression Ratio</b>	13.0:1

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# P1250-1 STANDARD EQUIPMENT

## ENGINE

Air Cleaner

Engine filled with lubrication oil

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Low Coolant Temperature Shutdown

Perkins 4000 Series 8 cylinder engine

Electronic governor

Engine mounted fuel/water separator

Lube drain valve

#### COOLING

Package mounted radiator

Coolant Drain Valve

Engine mounted battery charging alternator

Cooling System filled with Coolant mix

Charge air cooled

#### 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

# P1250-1 OPTIONAL EQUIPMENT

EXHAUST

Industrial, Residential, Critical Silencers

Catalytic converters

Heat Exchangers

Special spark arrestor silencers/certification

#### ALTERNATOR

Quadrature Droop Kit

Anti-Condensation Heater and Panel Circuitry

Increased alternator ingress protection

HV alternators

#### CONTROL PANELS

PowerWizard 2.1

easYgen-2500, 3200, 3500

ComAp

Deep Sea

Customer tailored PLC System

Remote monitoring

Increased Control Panel Ingress Protection

Stand alone ATI transfer panel

#### STARTING/CHARGING

Lead Acid battery

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

4-Pole circuit breaker

Motorised circuit breaker

LV and HV switchgear

