

# Product Specifications For P1250-1

## Generator Set Specifications

<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

## Engine Specifications

<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

## P1250-1 Standard Equipment

### Engine

Air Cleaner

Engine filled with lubrication oil

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

Motorised circuit breaker

LV and HV switchgear