PPG1250P

1250 kVA
ROUNDED CATALOGUE CLASS

Perkins diesel generator | Open set

Designed and manufactured in the United Kingdom

ENGINE PLATFORM

Perkins

4008-30TAG3

Model-specific drawing supplied with quotation.

Configuration and appearance are confirmed with the quotation.

SELECTED CONFIGURATION

ENGINE

Perkins 4008-30TAG3

ALTERNATOR

Leroy Somer LSA50.2M6

ELECTRICAL OUTPUT

400 V | 3-phase | 50 Hz

PRIME POWER / PRP

1125 kVA 900 kW

STANDBY POWER / ESP

1250 kVA 1000 kW

Ratings shown at 400 V, 3-phase, 50 Hz. The PPG model number is a rounded class; use the exact ratings for selection.

PUBLISHED ELECTRICAL RATINGS

Voltage (V)	Connection	ESP (kVA)	ESP (kW)	PRP (kVA)	PRP (kW)
400	SS	1250	1000	1125	900

PRP = prime power. ESP = emergency standby power. Values apply to the selected engine and alternator above. Connection codes follow the reference specification and must be confirmed before installation.

Technical specification

PPG1250P | Perkins **4008-30TAG3** | Open set

ENGINE

Manufacturer	Perkins
Model	**4008-30TAG3**
Aspiration	Turbocharged
Combustion	Direct Injection
Cycle	4 Stroke
Governor	Electronic
Cylinders	8
Arrangement	In Line
Displacement	30.561L
Bore	160mm
Stroke	190mm
Compression ratio	13:1
Cooling	Liquid Cooled
Coolant capacity	140L
Oil capacity	153L

ALTERNATOR

Manufacturer	Leroy Somer
Model	**LSA50.2M6**
Type	Brushless
Phases	3
Bearings	1
Poles	4
Leads	6
AVR	**D350**
Voltage regulation	0.25%
Insulation class	H
Excitation	Self Excited
Winding	6S
Harmonic content	<3.50%
Short circuit	>300%

REFERENCE FUEL CONSUMPTION

50% LOAD	75% LOAD	100% LOAD	110% LOAD
120 L/h	**188 L/h**	**244 L/h**	**269 L/h**

Reference figures vary with operating conditions and the confirmed duty.

INSTALLATION INFORMATION

L x W x H (mm)	REFERENCE WEIGHT
4430 x 2194 x 2270	**7746.65 kg**

Reference frame GenericPerkins4000 (Export). Drawing, weights and tank capacity are subject to the ordered build.

OTHER CONFIGURATIONS IN THIS CATALOGUE CLASS

Engine	Alternator	V / phase	ESP kVA	PRP kVA
4008-30TAG3	Stamford **S6L1D-G41**	400 / 3	1248	1122
4008-30TAG3	Stamford **S6L1D-F41**	400 / 3	1230	1130
4008-30TAG3	Leroy Somer **LSA50.2M6**	400 / 3	1250	1125

Engineering data above apply only to the selected configuration on page 1.

Final enclosure, controls, protection, acoustics and emissions suitability must be specified for the project. This sheet is a configuration guide, not an installation drawing.
PPG technical specification | Reviewed 2026-10-12