DGGB1250PS

1250 kVA

ROUNDED CATALOGUE CLASS

Perkins diesel generator | Acoustic canopied

NEW DIESEL GENERATOR RANGE



Representative DGGB enclosure; final build may vary.

SELECTED CONFIGURATION

ENGINE

Perkins 4008-30TAG3

ALTERNATOR

Stamford S6L1D-G41

ELECTRICAL OUTPUT

400 V | 3-phase | 50 Hz

PRIME POWER / PRP

1122 kVA 898 kW

STANDBY POWER / ESP

1248 kVA 998 kW

Ratings shown at 400 V, 3-phase, 50 Hz. The DGGB 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)
380	SS	1246	997	1122	898
400	SS	1248	998	1122	898

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.

Exact build, performance and delivery scope are confirmed in the quotation.

Technical specification

DGGB1250PS | Perkins 4008-30TAG3 | Acoustic canopied

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	Stamford
Model	S6L1D-G41
Type	Brushless
Phases	3
Bearings	1
Poles	4
Leads	6
AVR	MX321
Voltage regulation	0.5%
Insulation class	H
Excitation	PMG
Winding	312
Harmonic content	<5.00%
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

Dimensions, weight, fuel tank and model-specific drawing are confirmed with the quotation.

No complete matching frame data is published for this selected configuration.

OTHER CONFIGURATIONS IN THIS CATALOGUE CLASS

Engine	Alternator	V / phase	ESP kVA	PRP kVA
4008-30TAG3	Stamford S6L1D-F41	400 / 3	1230	1130
4008-30TAG3	Leroy Somer LSA50.2M6	400 / 3	1250	1125
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.
DGGB technical specification | Reviewed 2026-10-12

Exact build, performance and delivery scope are confirmed in the quotation.