DGGB1400P

1400 kVA

ROUNDED CATALOGUE CLASS

Perkins diesel generator | Open set

NEW DIESEL GENERATOR RANGE



SELECTED CONFIGURATION

ENGINE

Perkins 4012-46TWG2A

ALTERNATOR

Stamford S6L1D-H41

ELECTRICAL OUTPUT

400 V | 3-phase | 50 Hz

Representative manufacturer image; final build may vary.

PRIME POWER / PRP

1253 kVA 1002 kW

STANDBY POWER / ESP

1382 kVA 1106 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	1382	1106	1253	1002
400	SS	1382	1106	1253	1002

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

DGGB1400P | Perkins 4012-46TWG2A | Open set

ENGINE

Manufacturer	Perkins
Model	4012-46TWG2A
Aspiration	Turbocharged
Combustion	Direct Injection
Cycle	4 Stroke
Governor	Electronic
Cylinders	12
Arrangement	At Vee
Displacement	45.84L
Bore	160mm
Stroke	190mm
Compression ratio	12.8:1
Cooling	Liquid Cooled
Coolant capacity	173L
Oil capacity	157.5L

ALTERNATOR

Manufacturer	Stamford
Model	S6L1D-H41
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
133 L/h	191.6 L/h	255.5 L/h	284 L/h

Reference figures vary with operating conditions and the confirmed duty.

INSTALLATION INFORMATION

L x W x H (mm)	REFERENCE WEIGHT
4800 x 1920 x 2543	9291.75 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
4012-46TWG2A	Leroy Somer LSA50.2M6	400 / 3	1375	1250

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

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