DGGB1000P

1000 kVA
ROUNDED CATALOGUE CLASS

Perkins diesel generator | Open set

NEW DIESEL GENERATOR RANGE

ENGINE PLATFORM

Perkins

4008TAG1A

Model-specific drawing supplied with quotation.

SELECTED CONFIGURATION

ENGINE
Perkins 4008TAG1A

ALTERNATOR
Stamford S6L1D-D41

ELECTRICAL OUTPUT
400 V | 3-phase | 50 Hz

Configuration and appearance are confirmed with the quotation.

PRIME POWER / PRP
911 kVA 729 kW

STANDBY POWER / ESP
1000 kVA 800 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	999	799	910	728
400	SS	1000	800	911	729

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

DGGB1000P | Perkins 4008TAG1A | Open set

ENGINE

Manufacturer	Perkins
Model	4008TAG1A
Aspiration	Turbocharged
Combustion	Direct Injection
Cycle	4 Stroke
Governor	Electronic
Cylinders	8
Arrangement	In Line
Displacement	30.561L
Bore	160mm
Stroke	190mm
Compression ratio	13.6:1
Cooling	Liquid Cooled
Coolant capacity	149L
Oil capacity	153L

ALTERNATOR

Manufacturer	Stamford
Model	S6L1D-D41
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
98 L/h	143 L/h	195 L/h	218 L/h

Reference figures vary with operating conditions and the confirmed duty.

INSTALLATION INFORMATION

L x W x H (mm)	REFERENCE WEIGHT
4650 x 2046 x 2484	7361.9 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
4008TAG1A	Leroy Somer TAL049D	400 / 3	1004	910

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.