DGGB10P

10 kVA

ROUNDED CATALOGUE CLASS

Perkins diesel generator | Open set

NEW DIESEL GENERATOR RANGE

ENGINE PLATFORM

Perkins

403A-15G1

Model-specific drawing supplied with quotation.

SELECTED CONFIGURATION

ENGINE

Perkins 403A-15G1

ALTERNATOR

Stamford S0L2-G1

ELECTRICAL OUTPUT

400 V | 3-phase | 50 Hz

Configuration and appearance are confirmed with the quotation.

PRIME POWER / PRP

12.8 kVA 10.2 kW

STANDBY POWER / ESP

13.9 kVA 11.1 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)
200	PS	13.9	11.1	12.8	10.2
208	PS	14	11.2	12.8	10.2
230	SD	13.9	11.1	12.8	10.2
240	SD	14	11.2	12.8	10.2
400	SS	13.9	11.1	12.8	10.2
415	SS	14	11.2	12.8	10.2

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

DGGB10P | Perkins 403A-15G1 | Open set

ENGINE

Manufacturer	Perkins
Model	403A-15G1
Aspiration	Naturally Aspirated
Combustion	Direct Injection
Cycle	4 Stroke
Governor	Mechanical
Cylinders	3
Arrangement	In Line
Displacement	1.496L
Bore	84mm
Stroke	90mm
Compression ratio	22.5:1
Cooling	Liquid Cooled
Coolant capacity	6.0L
Oil capacity	6.0L

ALTERNATOR

Manufacturer	Stamford
Model	S0L2-G1
Type	Brushless
Phases	3
Bearings	1
Poles	4
Leads	12
AVR	AS540
Voltage regulation	1%
Insulation class	H
Excitation	Self Excited
Winding	311
Harmonic content	<5.00%
Short circuit	>100%

REFERENCE FUEL CONSUMPTION

50% LOAD	75% LOAD	100% LOAD	110% LOAD
2.04 L/h	2.79 L/h	3.67 L/h	4.08 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
403A-11G1	Leroy Somer TAL040B	400 / 3	9.6	8.7
403A-15G1	KWise C184G20	400 / 3	14.1	12.7
403A-15G1	Leroy Somer TAL040D	400 / 3	14.1	12.8
403A-15G1	Stamford S1L2-J1	230 / 1	13.2	11.9

Engineering data above apply only to the selected configuration on page 1. 4 further class configurations are listed on the product page.

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.