DGGB1400C

1400 kVA

ROUNDED CATALOGUE CLASS

Cummins diesel generator | Open set

NEW DIESEL GENERATOR RANGE

ENGINE PLATFORM

Cummins

KTA50G3

Model-specific drawing supplied with quotation.

SELECTED CONFIGURATION

ENGINE

Cummins KTA50G3

ALTERNATOR

Stamford S6L1D-H41

ELECTRICAL OUTPUT

400 V | 3-phase | 50 Hz

Configuration and appearance are confirmed with the quotation.

PRIME POWER / PRP

1271 kVA 1017 kW

STANDBY POWER / ESP

1408 kVA 1126 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	1408	1126	1271	1017
400	SS	1408	1126	1271	1017

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

DGGB1400C | Cummins KTA50G3 | Open set

ENGINE

Manufacturer	Cummins
Model	KTA50G3
Aspiration	Turbocharged
Combustion	Direct Injection
Cycle	4 Stroke
Governor	Electronic
Cylinders	16
Arrangement	At Vee
Displacement	50.3L
Bore	159mm
Stroke	159mm
Compression ratio	13.9:1
Cooling	Liquid Cooled
Coolant capacity	361L
Oil capacity	177L

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
139 L/h	199 L/h	261 L/h	293 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
KTA50G3	Stamford S7L1D-C41	400 / 3	1414	1277
KTA50G3	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

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