DGGB560CS

560 kVA

ROUNDED CATALOGUE CLASS

Cummins diesel generator | Acoustic canopied

NEW DIESEL GENERATOR RANGE



Representative DGGB enclosure; final build may vary.

SELECTED CONFIGURATION

ENGINE

Cummins QSX15G8

ALTERNATOR

Stamford HCI544D1

ELECTRICAL OUTPUT

400 V | 3-phase | 50 Hz

PRIME POWER / PRP

503 kVA 402 kW

STANDBY POWER / ESP

561 kVA 449 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)
190	PS	550	440	500	400
200	PS	561	449	503	402
208	PS	550	440	500	400
220	PS	530	424	500	400
220	SD	550	440	500	400
230	SD	561	449	503	402
240	SD	550	440	500	400
254	SD	530	424	500	400
380	SS	550	440	500	400
400	SS	561	449	503	402
415	SS	550	440	500	400
440	SS	530	424	500	400

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

DGGB560CS | Cummins QSX15G8 | Acoustic canopied

ENGINE

Manufacturer	Cummins
Model	QSX15G8
Aspiration	Turbocharged
Combustion	Direct Injection
Cycle	4 Stroke
Governor	Electronic
Cylinders	6
Arrangement	In Line
Displacement	14.9L
Bore	137mm
Stroke	169mm
Compression ratio	17.2:1
Cooling	Liquid Cooled
Coolant capacity	40L
Oil capacity	90.8L

ALTERNATOR

Manufacturer	Stamford
Model	HCI544D1
Type	Brushless
Phases	3
Bearings	1
Poles	4
Leads	12
AVR	AS440
Voltage regulation	1%
Insulation class	H
Excitation	Self Excited
Winding	311
Harmonic content	<5.00%
Short circuit	>300%

REFERENCE FUEL CONSUMPTION

50% LOAD	75% LOAD	100% LOAD	110% LOAD
56 L/h	80 L/h	101 L/h	114 L/h

Reference figures vary with operating conditions and the confirmed duty.

INSTALLATION INFORMATION

L x W x H (mm)	REFERENCE WEIGHT	FUEL TANK
4908 x 2164 x 2658	3988 kg	1120 L

Reference frame 5100E (UK/EU). Drawing, weights and tank capacity are subject to the ordered build.

SPECIFY YOUR PROJECT

Tell us your site load, required voltage and phase, prime or standby duty, ambient conditions and installation requirements. DGGB will confirm a suitable build and its exact specification.

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.