DGGB450SS

450 kVA

ROUNDED CATALOGUE CLASS

Scania diesel generator | Acoustic canopied

NEW DIESEL GENERATOR RANGE



Representative DGGB enclosure; final build may vary.

SELECTED CONFIGURATION

ENGINE

Scania DC13320A-02-63

ALTERNATOR

Stamford S4L1D-G41

ELECTRICAL OUTPUT

400 V | 3-phase | 50 Hz

PRIME POWER / PRP

450 kVA 360 kW

STANDBY POWER / ESP

Confirm on enquiry

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	Confirm	Confirm	430	344
200	PS	Confirm	Confirm	450	360
208	PS	Confirm	Confirm	450	360
220	PS	Confirm	Confirm	430	344
220	SD	Confirm	Confirm	430	344
230	SD	Confirm	Confirm	450	360
240	SD	Confirm	Confirm	450	360
254	SD	Confirm	Confirm	430	344
380	SS	Confirm	Confirm	430	344
400	SS	Confirm	Confirm	450	360
415	SS	Confirm	Confirm	450	360
440	SS	Confirm	Confirm	430	344

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. Confirm = no published value; confirm on enquiry.

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

Technical specification

DGGB450SS | Scania DC13320A-02-63 | Acoustic canopied

ENGINE

Manufacturer	Scania
Model	DC13320A-02-63
Aspiration	Turbocharged
Combustion	Direct Injection
Cycle	4 Stroke
Governor	ECU
Cylinders	6
Arrangement	In Line
Displacement	12.7L
Bore	130mm
Stroke	160mm
Compression ratio	21.3:1
Cooling	Liquid Cooled
Coolant capacity	38L
Oil capacity	36L

ALTERNATOR

Manufacturer	Stamford
Model	S4L1D-G41
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
45.1 L/h	65.9 L/h	89.7 L/h	Confirm on enquiry

Reference figures vary with operating conditions and the confirmed duty.

INSTALLATION INFORMATION

L x W x H (mm)	REFERENCE WEIGHT	FUEL TANK
3958 x 1504 x 2384	3615.2 kg	500 L

Reference frame 2900E (UK/EU). 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
DC13072A-02-12	Stamford S4L1D-F41	400 / 3	451	412

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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