DGGB660SS

660 kVA

ROUNDED CATALOGUE CLASS

Scania diesel generator | Acoustic canopied

NEW DIESEL GENERATOR RANGE



Representative DGGB enclosure; final build may vary.

SELECTED CONFIGURATION

ENGINE

Scania DC16093A-02-53

ALTERNATOR

Leroy Somer TAL0473E

ELECTRICAL OUTPUT

400 V | 3-phase | 50 Hz

PRIME POWER / PRP

600 kVA 480 kW

STANDBY POWER / ESP

660 kVA 528 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)
400	SS	660	528	600	480

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

DGGB660SS | Scania DC16093A-02-53 | Acoustic canopied

ENGINE

Manufacturer	Scania
Model	DC16093A-02-53
Aspiration	Turbocharged
Combustion	Direct Injection
Cycle	4 Stroke
Governor	ECU
Cylinders	8
Arrangement	At Vee
Displacement	16.4L
Bore	130mm
Stroke	154mm
Compression ratio	16.7:1
Cooling	Liquid Cooled
Coolant capacity	68L
Oil capacity	48L

ALTERNATOR

Manufacturer	Leroy Somer
Model	TAL0473E
Type	Brushless
Phases	3
Bearings	1
Poles	4
Leads	6
AVR	R150
Voltage regulation	1.0% Regulation%
Insulation class	H
Excitation	Brushless
Winding	6S
Harmonic content	<5.00%
Short circuit	>300%

REFERENCE FUEL CONSUMPTION

50% LOAD	75% LOAD	100% LOAD	110% LOAD
60.4 L/h	88.2 L/h	120.1 L/h	135.6 L/h

Reference figures vary with operating conditions and the confirmed duty.

INSTALLATION INFORMATION

REFERENCE WEIGHT	FUEL TANK
5489.8 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.