DGGB510BS

510 kVA

ROUNDED CATALOGUE CLASS

Baudouin diesel generator | Acoustic canopied

NEW DIESEL GENERATOR RANGE



Representative DGGB enclosure; final build may vary.

SELECTED CONFIGURATION

ENGINE

Baudouin 6M21G500/5

ALTERNATOR

KWise C354G400

ELECTRICAL OUTPUT

400 V | 3-phase | 50 Hz

PRIME POWER / PRP

460 kVA 368 kW

STANDBY POWER / ESP

509 kVA 407 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	509	407	460	368
230	SD	509	407	460	368
400	SS	509	407	460	368

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

DGGB510BS | Baudouin 6M21G500/5 | Acoustic canopied

ENGINE

Manufacturer	Baudouin
Model	6M21G500/5
Aspiration	Turbocharged
Combustion	Direct Injection
Cycle	4 Stroke
Governor	ECU
Cylinders	6
Arrangement	In Line
Displacement	12.54L
Bore	127mm
Stroke	165mm
Compression ratio	16:1
Cooling	Liquid Cooled
Coolant capacity	47L
Oil capacity	40L

ALTERNATOR

Manufacturer	KWise
Model	C354G400
Type	Brushless
Phases	3
Bearings	1
Poles	4
Leads	12
AVR	KR440
Voltage regulation	1%
Insulation class	H
Excitation	PMG
Winding	311
Harmonic content	<3.00%
Short circuit	>300%

REFERENCE FUEL CONSUMPTION

50% LOAD	75% LOAD	100% LOAD	110% LOAD
46.6 L/h	69.6 L/h	95.9 L/h	110.1 L/h

Reference figures vary with operating conditions and the confirmed duty.

INSTALLATION INFORMATION

L x W x H (mm)	REFERENCE WEIGHT	FUEL TANK
4108 x 1508 x 2384	3691 kg	500 L

Reference frame 2900EX (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.