DGGB440BS

440 kVA

ROUNDED CATALOGUE CLASS

Baudouin diesel generator | Acoustic canopied

NEW DIESEL GENERATOR RANGE



Representative DGGB enclosure; final build may vary.

SELECTED CONFIGURATION

ENGINE

Baudouin 6M21G440/5

ALTERNATOR

Stamford S4L1D-F41

ELECTRICAL OUTPUT

400 V | 3-phase | 50 Hz

PRIME POWER / PRP

402 kVA 322 kW

STANDBY POWER / ESP

442 kVA 354 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	425	340	400	320
200	PS	442	354	402	322
208	PS	444	355	403	322
220	PS	440	352	400	320
220	SD	425	340	400	320
230	SD	442	354	402	322
240	SD	444	355	403	322
254	SD	440	352	400	320
380	SS	425	340	400	320
400	SS	442	354	402	322
415	SS	444	355	403	322
440	SS	440	352	400	320

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

DGGB440BS | Baudouin 6M21G440/5 | Acoustic canopied

ENGINE

Manufacturer	Baudouin
Model	6M21G440/5
Aspiration	Turbocharged
Combustion	Direct Injection
Cycle	4 Stroke
Governor	Electronic
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	Stamford
Model	S4L1D-F41
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
43.2 L/h	63.5 L/h	85.5 L/h	94.8 L/h

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	3696.5 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
6M21G440/5	KWise C314G320	400 / 3	440	400
6M21G440/5	Leroy Somer TAL0473A	400 / 3	443	402

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.