PPG170B

170 kVA
ROUNDED CATALOGUE CLASS

Baudouin diesel generator | Open set

Designed and manufactured in the United Kingdom

ENGINE PLATFORM

Baudouin

6M11G4D0/S

Model-specific drawing supplied with quotation.

Configuration and appearance are confirmed with the quotation.

SELECTED CONFIGURATION

ENGINE

Baudouin 6M11G4D0/S

ALTERNATOR

Leroy Somer TAL044J

ELECTRICAL OUTPUT

400 V | 3-phase | 50 Hz

PRIME POWER / PRP

150 kVA 120 kW

STANDBY POWER / ESP

165 kVA 132 kW

Ratings shown at 400 V, 3-phase, 50 Hz. The PPG 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	165	132	150	120

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.

Perkins Power Generators is a trading name of GenPro Power Solutions.
Exact build, performance and delivery scope are confirmed in the quotation.

Technical specification

PPG170B | Baudouin **6M11G4D0/S** | Open set

ENGINE

Manufacturer	Baudouin
Model	**6M11G4D0/S**
Aspiration	Turbocharged
Combustion	Direct Injection
Cycle	4 Stroke
Governor	Electronic
Cylinders	6
Arrangement	In Line
Displacement	6.75L
Bore	105mm
Stroke	130mm
Compression ratio	18:1
Cooling	Liquid Cooled
Coolant capacity	20L
Oil capacity	19L

ALTERNATOR

Manufacturer	Leroy Somer
Model	**TAL044J**
Type	Brushless
Phases	3
Bearings	1
Poles	4
Leads	6
AVR	**R120**
Voltage regulation	1%
Insulation class	H
Excitation	Self Excited
Winding	6S
Harmonic content	<5.00%
Short circuit	>300%

REFERENCE FUEL CONSUMPTION

50% LOAD	75% LOAD	100% LOAD	110% LOAD
16.7 L/h	**24.6 L/h**	**32.6 L/h**	**36.1 L/h**

Reference figures vary with operating conditions and the confirmed duty.

INSTALLATION INFORMATION

REFERENCE WEIGHT	FUEL TANK
1595.5 kg	**590 L**

Reference frame 9090GA (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
6M11G4D0/S	Stamford **UCI274F1**	400 / 3	169	153
6M11G4D0/S	KWise **C274G120**	400 / 3	165	150
6M11G4D0/S	Mecc Alte **ECP34-1L4C**	380 / 3	165	150

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.
PPG technical specification | Reviewed 2026-10-12

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