PPG70B

70 kVA
ROUNDED CATALOGUE CLASS

Baudouin diesel generator | Open set

Designed and manufactured in the United Kingdom

ENGINE PLATFORM

Baudouin

4M10G2D0/S

Model-specific drawing supplied with quotation.

SELECTED CONFIGURATION

ENGINE

Baudouin 4M10G2D0/S

ALTERNATOR

Stamford S1L2-Y1

ELECTRICAL OUTPUT

400 V | 3-phase | 50 Hz

Configuration and appearance are confirmed with the quotation.

PRIME POWER / PRP

63 kVA 50 kW

STANDBY POWER / ESP

69 kVA 55 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)
200	PS	69	55	63	50
208	PS	69	55	63	50
230	SD	69	55	63	50
240	SD	69	55	63	50
400	SS	69	55	63	50
415	SS	69	55	63	50

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

PPG70B | Baudouin **4M10G2D0/S** | Open set

ENGINE

Manufacturer	Baudouin
Model	**4M10G2D0/S**
Aspiration	Turbocharged
Combustion	Direct Injection
Cycle	4 Stroke
Governor	Electronic
Cylinders	4
Arrangement	In Line
Displacement	4.087L
Bore	105mm
Stroke	118mm
Compression ratio	17.5:1
Cooling	Liquid Cooled
Coolant capacity	17.9L
Oil capacity	13L

ALTERNATOR

Manufacturer	Stamford
Model	**S1L2-Y1**
Type	Brushless
Phases	3
Bearings	1
Poles	4
Leads	12
AVR	**AS540**
Voltage regulation	1%
Insulation class	H
Excitation	Self Excited
Winding	311
Harmonic content	<5.00%
Short circuit	>100%

REFERENCE FUEL CONSUMPTION

50% LOAD	75% LOAD	100% LOAD	110% LOAD
7.7 L/h	**11.1 L/h**	**15 L/h**	**16.67 L/h**

Reference figures vary with operating conditions and the confirmed duty.

INSTALLATION INFORMATION

REFERENCE WEIGHT	FUEL TANK
923.15 kg	**175 L**

Reference frame 9062GA (Export). 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
4M10G2D0/S	KWise **C224G50**	400 / 3	69	63
4M10G2D0/S	Leroy Somer **TAL042H**	400 / 3	66	60

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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