PPG90BS

90 kVA

ROUNDED CATALOGUE CLASS

Baudouin diesel generator | Acoustic canopied

Designed and manufactured in the United Kingdom



Representative PPG enclosure; final build may vary.

SELECTED CONFIGURATION

ENGINE

Baudouin 4M10G4D0/S

ALTERNATOR

Stamford UCI274C1

ELECTRICAL OUTPUT

400 V | 3-phase | 50 Hz

PRIME POWER / PRP

78 kVA 62 kW

STANDBY POWER / ESP

86 kVA 69 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)
190	PS	86	69	78	62
200	PS	86	69	78	62
208	PS	87	70	78	62
220	SD	86	69	77	62
230	SD	86	69	78	62
240	SD	87	70	78	62
380	SS	86	69	77	62
400	SS	86	69	78	62
415	SS	87	70	78	62

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

PPG90BS | Baudouin **4M10G4D0/S** | Acoustic canopied

ENGINE

Manufacturer	Baudouin
Model	**4M10G4D0/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	**UCI274C1**
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
9.1 L/h	**13.5 L/h**	**18.8 L/h**	**21.3 L/h**

Reference figures vary with operating conditions and the confirmed duty.

INSTALLATION INFORMATION

L x W x H (mm)	REFERENCE WEIGHT	FUEL TANK
2286 x 1104 x 1620	**1428.15 kg**	**210 L**

Reference frame 2105E (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
4M10G4D0/S	KWise **C224G64**	400 / 3	87	78
4M10G4D0/S	Leroy Somer **TAL044B**	400 / 3	86	78

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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