

PPG20BS

Baudouin diesel generator | Acoustic canopied

Designed and manufactured in the United Kingdom

20 kVA

ROUNDED CATALOGUE CLASS



SELECTED CONFIGURATION

ENGINE

Baudouin 4M06G2D0/S

ALTERNATOR

Stamford S0L2-G1

ELECTRICAL OUTPUT

400 V | 3-phase | 50 Hz

Representative PPG enclosure; final build may vary.

PRIME POWER / PRP

17.8 kVA

14.2 kW

STANDBY POWER / ESP

19.6 kVA

15.7 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	19.6	15.7	17.8	14.2
208	PS	19.6	15.7	17.8	14.2
230	SD	19.6	15.7	17.8	14.2
240	SD	19.6	15.7	17.8	14.2
400	SS	19.6	15.7	17.8	14.2
415	SS	19.6	15.7	17.8	14.2

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.

Technical specification

PPG20BS | Baudouin 4M06G2D0/S | Acoustic canopied

ENGINE

Manufacturer	Baudouin
Model	4M06G2D0/S
Aspiration	Naturally Aspirated
Combustion	Direct Injection
Cycle	4 Stroke
Governor	Electronic
Cylinders	4
Arrangement	In Line
Displacement	2.3L
Bore	89mm
Stroke	92mm
Compression ratio	17.5:1
Cooling	Liquid Cooled
Coolant capacity	8.6L
Oil capacity	11.5L

ALTERNATOR

Manufacturer	Stamford
Model	S0L2-G1
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 2.6 L/h	75% LOAD 3.6 L/h	100% LOAD 4.7 L/h	110% LOAD 5.2 L/h
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Reference figures vary with operating conditions and the confirmed duty.

INSTALLATION INFORMATION

L x W x H (mm) 2240 x 1038 x 1378	REFERENCE WEIGHT 907 kg	FUEL TANK 80 L
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Reference frame 1900E (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
4M06G2D0/S	Stamford S1L2-J1	230 / 1	18.5	16.6
4M06G4D0/S	Stamford S1L2-N1	230 / 1	23.7	21.8
4M06G4D0/S	Leroy Somer TAL042C	230 / 1	21	19

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