



PPG2050B

Baudouin diesel generator | Open set

Designed and manufactured in the United Kingdom

2050 kVA

ROUNDED CATALOGUE CLASS

ENGINE PLATFORM

Baudouin

16M33G2000/5

Model-specific drawing supplied with quotation.

SELECTED CONFIGURATION

ENGINE

Baudouin 16M33G2000/5

ALTERNATOR

Stamford S7L1D-F41

ELECTRICAL OUTPUT

400 V | 3-phase | 50 Hz

Configuration and appearance are confirmed with the quotation.

PRIME POWER / PRP

1900 kVA

1520 kW

STANDBY POWER / ESP

2035 kVA

1628 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)
380	SS	1975	1580	1845	1476
400	SS	2035	1628	1900	1520

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

PPG2050B | Baudouin 16M33G2000/5 | Open set

ENGINE

Manufacturer	Baudouin
Model	16M33G2000/5
Aspiration	Turbocharged
Combustion	Direct Injection
Cycle	4 Stroke
Governor	ECU
Cylinders	16
Arrangement	At Vee
Displacement	52.3L
Bore	150mm
Stroke	185mm
Compression ratio	15:1
Cooling	Liquid Cooled
Coolant capacity	400L
Oil capacity	175L

ALTERNATOR

Manufacturer	Stamford
Model	S7L1D-F41
Type	Brushless
Phases	3
Bearings	1
Poles	4
Leads	6
AVR	MX341
Voltage regulation	1%
Insulation class	H
Excitation	PMG
Winding	312
Harmonic content	<5.00%
Short circuit	>300%

REFERENCE FUEL CONSUMPTION

50% LOAD 194.7 L/h	75% LOAD 290.7 L/h	100% LOAD 401 L/h	110% LOAD 446.8 L/h
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Reference figures vary with operating conditions and the confirmed duty.

INSTALLATION INFORMATION

Dimensions, weight, fuel tank and model-specific drawing are confirmed with the quotation.

No complete matching frame data is published for this selected configuration.

OTHER CONFIGURATIONS IN THIS CATALOGUE CLASS

Engine	Alternator	V / phase	ESP kVA	PRP kVA
16M33G2250/5	Stamford S7L1D-F41	400 / 3	2035	1900

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