PPG2500B

2500 kVA

ROUNDED CATALOGUE CLASS

Baudouin diesel generator | Open set

Designed and manufactured in the United Kingdom

ENGINE PLATFORM

Baudouin

12M55G2550/5

Model-specific drawing supplied with quotation.

SELECTED CONFIGURATION

ENGINE

Baudouin 12M55G2550/5

ALTERNATOR

Stamford S7L1D-J41

ELECTRICAL OUTPUT

400 V | 3-phase | 50 Hz

Configuration and appearance are confirmed with the quotation.

PRIME POWER / PRP

2255 kVA 1804 kW

STANDBY POWER / ESP

2521 kVA 2017 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	2521	2017	2253	1802
400	SS	2521	2017	2255	1804

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

PPG2500B | Baudouin **12M55G2550/5** | Open set

ENGINE

Manufacturer	Baudouin
Model	**12M55G2550/5**
Aspiration	Turbocharged
Combustion	Direct Injection
Cycle	4 Stroke
Governor	ECU
Cylinders	12
Arrangement	At Vee
Displacement	65.65L
Bore	180mm
Stroke	215mm
Compression ratio	16.5:1
Cooling	Liquid Cooled
Coolant capacity	526L
Oil capacity	460L

ALTERNATOR

Manufacturer	Stamford
Model	**S7L1D-J41**
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	75% LOAD	100% LOAD	110% LOAD
243.6 L/h	**346.7 L/h**	**463.4 L/h**	**516.2 L/h**

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.

SPECIFY YOUR PROJECT

Tell us your site load, required voltage and phase, prime or standby duty, ambient conditions and installation requirements. PPG will confirm a suitable build and its exact specification.

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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