PPG510B

510 kVA
ROUNDED CATALOGUE CLASS

Baudouin diesel generator | Open set

Designed and manufactured in the United Kingdom

ENGINE PLATFORM

Baudouin

6M21G500/5

Model-specific drawing supplied with quotation.

SELECTED CONFIGURATION

ENGINE

Baudouin 6M21G500/5

ALTERNATOR

KWise C354G400

ELECTRICAL OUTPUT

400 V | 3-phase | 50 Hz

Configuration and appearance are confirmed with the quotation.

PRIME POWER / PRP

460 kVA 368 kW

STANDBY POWER / ESP

509 kVA 407 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	509	407	460	368
230	SD	509	407	460	368
400	SS	509	407	460	368

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

PPG510B | Baudouin **6M21G500/5** | Open set

ENGINE

Manufacturer	Baudouin
Model	**6M21G500/5**
Aspiration	Turbocharged
Combustion	Direct Injection
Cycle	4 Stroke
Governor	ECU
Cylinders	6
Arrangement	In Line
Displacement	12.54L
Bore	127mm
Stroke	165mm
Compression ratio	16:1
Cooling	Liquid Cooled
Coolant capacity	47L
Oil capacity	40L

ALTERNATOR

Manufacturer	KWise
Model	**C354G400**
Type	Brushless
Phases	3
Bearings	1
Poles	4
Leads	12
AVR	**KR440**
Voltage regulation	1%
Insulation class	H
Excitation	PMG
Winding	311
Harmonic content	<3.00%
Short circuit	>300%

REFERENCE FUEL CONSUMPTION

50% LOAD	75% LOAD	100% LOAD	110% LOAD
46.6 L/h	**69.6 L/h**	**95.9 L/h**	**110.1 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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