PPG1900BS

1900 kVA
ROUNDED CATALOGUE CLASS

Baudouin diesel generator | Acoustic canopied

Designed and manufactured in the United Kingdom

ENGINE PLATFORM

Baudouin

16M33G1900/5

Model-specific drawing supplied with quotation.

SELECTED CONFIGURATION

ENGINE
Baudouin 16M33G1900/5

ALTERNATOR
Stamford S7L1D-F41

ELECTRICAL OUTPUT
400 V | 3-phase | 50 Hz

Configuration and appearance are confirmed with the quotation.

PRIME POWER / PRP
1746 kVA 1397 kW

STANDBY POWER / ESP
1922 kVA 1538 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	1922	1538	1745	1396
400	SS	1922	1538	1746	1397

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

PPG1900BS | Baudouin **16M33G1900/5** | Acoustic canopied

ENGINE

Manufacturer	Baudouin
Model	**16M33G1900/5**
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	75% LOAD	100% LOAD	110% LOAD
179.7 L/h	**265.4 L/h**	**364.3 L/h**	**407.6 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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