PPG880C

880 kVA
ROUNDED CATALOGUE CLASS

Cummins diesel generator | Open set

Designed and manufactured in the United Kingdom

ENGINE PLATFORM

Cummins

QSK23G3

Model-specific drawing supplied with quotation.

Configuration and appearance are confirmed with the quotation.

SELECTED CONFIGURATION

ENGINE

Cummins QSK23G3

ALTERNATOR

Stamford S6L1D-D41

ELECTRICAL OUTPUT

400 V | 3-phase | 50 Hz

PRIME POWER / PRP

812 kVA 650 kW

STANDBY POWER / ESP

880 kVA 704 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	880	704	812	650
400	SS	880	704	812	650

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

PPG880C | Cummins **QSK23G3** | Open set

ENGINE

Manufacturer	Cummins
Model	**QSK23G3**
Aspiration	Turbocharged
Combustion	Direct Injection
Cycle	4 Stroke
Governor	Electronic
Cylinders	6
Arrangement	In Line
Displacement	23.15L
Bore	170mm
Stroke	170mm
Compression ratio	16.0:1
Cooling	Liquid Cooled
Coolant capacity	109.5L
Oil capacity	103L

ALTERNATOR

Manufacturer	Stamford
Model	**S6L1D-D41**
Type	Brushless
Phases	3
Bearings	1
Poles	4
Leads	6
AVR	**MX321**
Voltage regulation	0.5%
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
85 L/h	**121 L/h**	**161 L/h**	**178 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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