PPG280CS

280 kVA
ROUNDED CATALOGUE CLASS

Cummins diesel generator | Acoustic canopied

Designed and manufactured in the United Kingdom



Representative PPG enclosure; final build may vary.

SELECTED CONFIGURATION

ENGINE
Cummins QSL9G3

ALTERNATOR
Stamford UCDI274K1

ELECTRICAL OUTPUT
400 V | 3-phase | 50 Hz

PRIME POWER / PRP
250 kVA 200 kW

STANDBY POWER / ESP
275 kVA 220 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)
190	PS	275	220	248	198
200	PS	275	220	250	200
208	PS	275	220	250	200
220	SD	275	220	249	199
230	SD	275	220	250	200
240	SD	275	220	250	200
380	SS	275	220	249	199
400	SS	275	220	250	200
415	SS	275	220	250	200

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

PPG280CS | Cummins **QSL9G3** | Acoustic canopied

ENGINE

Manufacturer	Cummins
Model	**QSL9G3**
Aspiration	Turbocharged
Combustion	Direct Injection
Cycle	4 Stroke
Governor	Electronic
Cylinders	6
Arrangement	In Line
Displacement	8.8L
Bore	114mm
Stroke	145mm
Compression ratio	17.8:1
Cooling	Liquid Cooled
Coolant capacity	36L
Oil capacity	34L

ALTERNATOR

Manufacturer	Stamford
Model	**UCDI274K1**
Type	Brushless
Phases	3
Bearings	1
Poles	4
Leads	12
AVR	**AS440**
Voltage regulation	1%
Insulation class	H
Excitation	Self Excited
Winding	311
Harmonic content	<5.00%
Short circuit	>300%

REFERENCE FUEL CONSUMPTION

50% LOAD	75% LOAD	100% LOAD	110% LOAD
31 L/h	**46 L/h**	**56 L/h**	**62 L/h**

Reference figures vary with operating conditions and the confirmed duty.

INSTALLATION INFORMATION

L x W x H (mm)	REFERENCE WEIGHT	FUEL TANK
3958 x 1504 x 2384	**2924.7 kg**	**500 L**

Reference frame 2900E (UK/EU). Drawing, weights and tank capacity are subject to the ordered build.

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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