PPG560CS

560 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 QSX15G8

ALTERNATOR
Stamford HCI544D1

ELECTRICAL OUTPUT
400 V | 3-phase | 50 Hz

PRIME POWER / PRP
503 kVA 402 kW

STANDBY POWER / ESP
561 kVA 449 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	550	440	500	400
200	PS	561	449	503	402
208	PS	550	440	500	400
220	PS	530	424	500	400
220	SD	550	440	500	400
230	SD	561	449	503	402
240	SD	550	440	500	400
254	SD	530	424	500	400
380	SS	550	440	500	400
400	SS	561	449	503	402
415	SS	550	440	500	400
440	SS	530	424	500	400

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

PPG560CS | Cummins **QSX15G8** | Acoustic canopied

ENGINE

Manufacturer	Cummins
Model	**QSX15G8**
Aspiration	Turbocharged
Combustion	Direct Injection
Cycle	4 Stroke
Governor	Electronic
Cylinders	6
Arrangement	In Line
Displacement	14.9L
Bore	137mm
Stroke	169mm
Compression ratio	17.2:1
Cooling	Liquid Cooled
Coolant capacity	40L
Oil capacity	90.8L

ALTERNATOR

Manufacturer	Stamford
Model	**HCI544D1**
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
56 L/h	**80 L/h**	**101 L/h**	**114 L/h**

Reference figures vary with operating conditions and the confirmed duty.

INSTALLATION INFORMATION

L x W x H (mm)	REFERENCE WEIGHT	FUEL TANK
4908 x 2164 x 2658	**3988 kg**	**1120 L**

Reference frame 5100E (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

Perkins Power Generators is a trading name of GenPro Power Solutions.
Exact build, performance and delivery scope are confirmed in the quotation.