PPG280S

280 kVA
ROUNDED CATALOGUE CLASS

Scania diesel generator | Open set

Designed and manufactured in the United Kingdom

ENGINE PLATFORM

Scania

DC09320A-02-62

Model-specific drawing supplied with quotation.

SELECTED CONFIGURATION

ENGINE

Scania DC09320A-02-62

ALTERNATOR

Stamford S4L1D-D41

ELECTRICAL OUTPUT

400 V | 3-phase | 50 Hz

Configuration and appearance are confirmed with the quotation.

PRIME POWER / PRP

276 kVA 221 kW

STANDBY POWER / ESP

Confirm on enquiry

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	Confirm	Confirm	277	222
200	PS	Confirm	Confirm	276	221
208	PS	Confirm	Confirm	277	222
220	PS	Confirm	Confirm	278	222
220	SD	Confirm	Confirm	276	221
230	SD	Confirm	Confirm	276	221
240	SD	Confirm	Confirm	277	222
254	SD	Confirm	Confirm	278	222
380	SS	Confirm	Confirm	276	221
400	SS	Confirm	Confirm	276	221
415	SS	Confirm	Confirm	277	222
440	SS	Confirm	Confirm	278	222

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. Confirm = no published value; confirm on enquiry.

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

Technical specification

PPG280S | Scania **DC09320A-02-62** | Open set

ENGINE

Manufacturer	Scania
Model	**DC09320A-02-62**
Aspiration	Turbocharged
Combustion	Direct Injection
Cycle	4 Stroke
Governor	ECU
Cylinders	5
Arrangement	In Line
Displacement	9.3L
Bore	130mm
Stroke	140mm
Compression ratio	19:1
Cooling	Liquid Cooled
Coolant capacity	37L
Oil capacity	36L

ALTERNATOR

Manufacturer	Stamford
Model	**S4L1D-D41**
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
29 L/h	**42.4 L/h**	**56.3 L/h**	**Confirm on enquiry**

Reference figures vary with operating conditions and the confirmed duty.

INSTALLATION INFORMATION

REFERENCE WEIGHT	FUEL TANK
2359.15 kg	**730 L**

Reference frame 9007GA (Export). Drawing, weights and tank capacity are subject to the ordered build.

OTHER CONFIGURATIONS IN THIS CATALOGUE CLASS

Engine	Alternator	V / phase	ESP kVA	PRP kVA
DC09071A-02-02	Stamford **S4L1D-D41**	400 / 3	Confirm	281
DC09072A-02-11	Stamford **UCDI274K1**	400 / 3	275	250

Engineering data above apply only to the selected configuration on page 1.

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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