PPG710SS

710 kVA
ROUNDED CATALOGUE CLASS

Scania diesel generator | Acoustic canopied

Designed and manufactured in the United Kingdom



Representative PPG enclosure; final build may vary.

SELECTED CONFIGURATION

ENGINE
Scania DC16093A-02-54

ALTERNATOR
Stamford HCI544F1

ELECTRICAL OUTPUT
400 V | 3-phase | 50 Hz

PRIME POWER / PRP
647 kVA 518 kW

STANDBY POWER / ESP
711 kVA 569 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	709	567	644	515
200	PS	711	569	647	518
208	PS	712	570	648	518
220	PS	714	571	649	519
220	SD	709	567	646	517
230	SD	711	569	647	518
240	SD	712	570	648	518
254	SD	714	571	649	519
380	SS	709	567	646	517
400	SS	711	569	647	518
415	SS	712	570	648	518
440	SS	714	571	649	519

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

PPG710SS | Scania **DC16093A-02-54** | Acoustic canopied

ENGINE

Manufacturer	Scania
Model	**DC16093A-02-54**
Aspiration	Turbocharged
Combustion	Direct Injection
Cycle	4 Stroke
Governor	ECU
Cylinders	8
Arrangement	At Vee
Displacement	16.4L
Bore	130mm
Stroke	154mm
Compression ratio	16.7:1
Cooling	Liquid Cooled
Coolant capacity	68L
Oil capacity	48L

ALTERNATOR

Manufacturer	Stamford
Model	**HCI544F1**
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
63.3 L/h	**93.1 L/h**	**129.3 L/h**	**143 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	**5808.8 kg**	**1120 L**

Reference frame 5100E (UK/EU). 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
DC16093A-02-54	Stamford **S5L1D-F41**	400 / 3	711	647
DC16093A-02-54	Leroy Somer **TAL0473F**	400 / 3	713	648

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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