

PPG550SS

Scania diesel generator | Acoustic canopied

Designed and manufactured in the United Kingdom

550 kVA

ROUNDED CATALOGUE CLASS



SELECTED CONFIGURATION

ENGINE

Scania DC16071A-02-02

ALTERNATOR

Stamford HCI544D1

ELECTRICAL OUTPUT

400 V | 3-phase | 50 Hz

Representative PPG enclosure; final build may vary.

PRIME POWER / PRP

550 kVA

440 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	500	400
200	PS	Confirm	Confirm	550	440
208	PS	Confirm	Confirm	500	400
220	PS	Confirm	Confirm	500	400
220	SD	Confirm	Confirm	500	400
230	SD	Confirm	Confirm	550	440
240	SD	Confirm	Confirm	500	400
254	SD	Confirm	Confirm	500	400
380	SS	Confirm	Confirm	500	400
400	SS	Confirm	Confirm	550	440
415	SS	Confirm	Confirm	500	400
440	SS	Confirm	Confirm	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. Confirm = no published value; confirm on enquiry.



Technical specification

PPG550SS | Scania DC16071A-02-02 | Acoustic canopied

ENGINE

Manufacturer	Scania
Model	DC16071A-02-02
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	70L
Oil capacity	48L

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 59.3 L/h	75% LOAD 88.5 L/h	100% LOAD 114.1 L/h	110% LOAD Confirm on enquiry
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Reference figures vary with operating conditions and the confirmed duty.

INSTALLATION INFORMATION

L x W x H (mm) 4908 x 2164 x 2658	REFERENCE WEIGHT 5518.9 kg	FUEL TANK 1120 L
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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
DC16071A-02-02	Stamford S5L1D-D41	400 / 3	Confirm	550
DC13072A-02-14	Stamford HCI544D1	400 / 3	552	505
DC13072A-02-14	Stamford S5L1D-D41	400 / 3	552	505

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