PPG110PS

110 kVA
ROUNDED CATALOGUE CLASS

Perkins diesel generator | Acoustic canopied

Designed and manufactured in the United Kingdom



Representative PPG enclosure; final build may vary.

SELECTED CONFIGURATION

ENGINE
Perkins 1104C-44TAG2

ALTERNATOR
Stamford UCI274C1

ELECTRICAL OUTPUT
400 V | 3-phase | 50 Hz

PRIME POWER / PRP
100 kVA 80 kW

STANDBY POWER / ESP
110 kVA 88 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	109	87	100	80
200	PS	110	88	100	80
208	PS	110	88	100	80
220	SD	109	87	100	80
230	SD	110	88	100	80
240	SD	110	88	100	80
380	SS	109	87	100	80
400	SS	110	88	100	80
415	SS	110	88	100	80

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

PPG110PS | Perkins **1104C-44TAG2** | Acoustic canopied

ENGINE

Manufacturer	Perkins
Model	**1104C-44TAG2**
Aspiration	Turbocharged
Combustion	Direct Injection
Cycle	4 Stroke
Governor	Electronic
Cylinders	4
Arrangement	In Line
Displacement	4.4L
Bore	105mm
Stroke	127mm
Compression ratio	18.3:1
Cooling	Liquid Cooled
Coolant capacity	12.6L
Oil capacity	8.0L

ALTERNATOR

Manufacturer	Stamford
Model	**UCI274C1**
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
11.8 L/h	**17.1 L/h**	**22.6 L/h**	**24.9 L/h**

Reference figures vary with operating conditions and the confirmed duty.

INSTALLATION INFORMATION

L x W x H (mm)	REFERENCE WEIGHT	FUEL TANK
2286 x 1104 x 1620	**1467 kg**	**210 L**

Reference frame 2105E (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
1104C-44TAG2	Leroy Somer **TAL044D**	400 / 3	110	100

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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