PPG250PS

250 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 1206A-E70TTAG2

ALTERNATOR
Stamford UCDI274K1

ELECTRICAL OUTPUT
400 V | 3-phase | 50 Hz

PRIME POWER / PRP
226 kVA 181 kW

STANDBY POWER / ESP
250 kVA 200 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	250	200	224	179
200	PS	250	200	226	181
208	PS	251	201	226	181
220	SD	250	200	226	181
230	SD	250	200	226	181
240	SD	251	201	226	181
380	SS	250	200	226	181
400	SS	250	200	226	181
415	SS	251	201	226	181

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

PPG250PS | Perkins **1206A-E70TTAG2** | Acoustic canopied

ENGINE

Manufacturer	Perkins
Model	**1206A-E70TTAG2**
Aspiration	Turbocharged
Combustion	Direct Injection
Cycle	4 Stroke
Governor	Electronic
Cylinders	6
Arrangement	In Line
Displacement	7.01L
Bore	105mm
Stroke	135mm
Compression ratio	15.8:1
Cooling	Liquid Cooled
Coolant capacity	25.0L
Oil capacity	16.0L

ALTERNATOR

Manufacturer	Stamford
Model	**UCDI274K1**
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
25.5 L/h	**38 L/h**	**51 L/h**	**56.6 L/h**

Reference figures vary with operating conditions and the confirmed duty.

INSTALLATION INFORMATION

L x W x H (mm)	REFERENCE WEIGHT	FUEL TANK
3958 x 1504 x 2384	**2838.6 kg**	**500 L**

Reference frame 2900E (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
1206A-E70TTAG2	Leroy Somer **TAL046C**	400 / 3	248	224

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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