PPG200P

200 kVA
ROUNDED CATALOGUE CLASS

Perkins diesel generator | Open set

Designed and manufactured in the United Kingdom

ENGINE PLATFORM

Perkins

1106A-70TAG3

Model-specific drawing supplied with quotation.

Configuration and appearance are confirmed with the quotation.

SELECTED CONFIGURATION

ENGINE
Perkins 1106A-70TAG3

ALTERNATOR
Stamford UCI274H1

ELECTRICAL OUTPUT
400 V | 3-phase | 50 Hz

PRIME POWER / PRP
184 kVA 147 kW

STANDBY POWER / ESP
204 kVA 163 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	203	162	182	146
200	PS	204	163	184	147
208	PS	204	163	184	147
220	SD	203	162	183	146
230	SD	204	163	184	147
240	SD	204	163	184	147
380	SS	203	162	183	146
400	SS	204	163	184	147
415	SS	204	163	184	147

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

PPG200P | Perkins **1106A-70TAG3** | Open set

ENGINE

Manufacturer	Perkins
Model	**1106A-70TAG3**
Aspiration	Turbocharged
Combustion	Direct Injection
Cycle	4 Stroke
Governor	Mechanical
Cylinders	6
Arrangement	In Line
Displacement	7.01L
Bore	105mm
Stroke	135mm
Compression ratio	16:1
Cooling	Liquid Cooled
Coolant capacity	21.0L
Oil capacity	18.0L

ALTERNATOR

Manufacturer	Stamford
Model	**UCI274H1**
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
20.2 L/h	**32 L/h**	**41.4 L/h**	**45.1 L/h**

Reference figures vary with operating conditions and the confirmed duty.

INSTALLATION INFORMATION

L x W x H (mm)	REFERENCE WEIGHT	FUEL TANK
2433 x 755 x 1565	**1651.85 kg**	**310 L**

Reference frame 9069GA (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
1106A-70TAG3	Leroy Somer **TAL044L**	400 / 3	200	180

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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