PPG400P

400 kVA
ROUNDED CATALOGUE CLASS

Perkins diesel generator | Open set

Designed and manufactured in the United Kingdom

ENGINE PLATFORM

Perkins

2206A-E13TAG2

Model-specific drawing supplied with quotation.

Configuration and appearance are confirmed with the quotation.

SELECTED CONFIGURATION

ENGINE
Perkins 2206A-E13TAG2

ALTERNATOR
Stamford S4L1D-E41

ELECTRICAL OUTPUT
400 V | 3-phase | 50 Hz

PRIME POWER / PRP
356 kVA 285 kW

STANDBY POWER / ESP
403 kVA 322 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	380	304	350	280
200	PS	403	322	356	285
208	PS	400	320	357	286
220	PS	380	304	350	280
220	SD	380	304	350	280
230	SD	403	322	356	285
240	SD	400	320	357	286
254	SD	380	304	350	280
380	SS	380	304	350	280
400	SS	403	322	356	285
415	SS	400	320	357	286
440	SS	380	304	350	280

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.

Technical specification

PPG400P | Perkins **2206A-E13TAG2** | Open set

ENGINE

Manufacturer	Perkins
Model	**2206A-E13TAG2**
Aspiration	Turbocharged
Combustion	Direct Injection
Cycle	4 Stroke
Governor	Electronic
Cylinders	6
Arrangement	In Line
Displacement	12.5L
Bore	130mm
Stroke	157mm
Compression ratio	16.3:1
Cooling	Liquid Cooled
Coolant capacity	51.4L
Oil capacity	40.0L

ALTERNATOR

Manufacturer	Stamford
Model	**S4L1D-E41**
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
37 L/h	**54 L/h**	**71 L/h**	**80 L/h**

Reference figures vary with operating conditions and the confirmed duty.

INSTALLATION INFORMATION

L x W x H (mm)	REFERENCE WEIGHT	FUEL TANK
3182 x 1180 x 2057	**3030.1 kg**	**730 L**

Reference frame 9007GA (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
2206A-E13TAG2	Leroy Somer **TAL046H**	400 / 3	400	356

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