

GPS2250P

Perkins diesel generator | Open set

Designed and manufactured in the United Kingdom

2250 kVA

ROUNDED CATALOGUE CLASS

ENGINE PLATFORM

Perkins

4016-61TRG2

Model-specific drawing supplied with quotation.

SELECTED CONFIGURATION

ENGINE

Perkins 4016-61TRG2

ALTERNATOR

Stamford S7L1D-G41

ELECTRICAL OUTPUT

400 V | 3-phase | 50 Hz

Configuration and appearance are confirmed with the quotation.

PRIME POWER / PRP

2021 kVA

1617 kW

STANDBY POWER / ESP

2250 kVA

1800 kW

Ratings shown at 400 V, 3-phase, 50 Hz. The GPS 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)
380	SS	2165	1732	2020	1616
400	SS	2250	1800	2021	1617

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

GPS2250P | Perkins 4016-61TRG2 | Open set

ENGINE

Manufacturer	Perkins
Model	4016-61TRG2
Aspiration	Turbocharged
Combustion	Direct Injection
Cycle	4 Stroke
Governor	Electronic
Cylinders	16
Arrangement	At Vee
Displacement	61.123L
Bore	160mm
Stroke	190mm
Compression ratio	13:1
Cooling	Liquid Cooled
Coolant capacity	300L
Oil capacity	213L

ALTERNATOR

Manufacturer	Stamford
Model	S7L1D-G41
Type	Brushless
Phases	3
Bearings	1
Poles	4
Leads	6
AVR	MX341
Voltage regulation	1%
Insulation class	H
Excitation	PMG
Winding	312
Harmonic content	<5.00%
Short circuit	>300%

REFERENCE FUEL CONSUMPTION

50% LOAD 208 L/h	75% LOAD 306 L/h	100% LOAD 405 L/h	110% LOAD 463 L/h
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Reference figures vary with operating conditions and the confirmed duty.

INSTALLATION INFORMATION

Dimensions, weight, fuel tank and model-specific drawing are confirmed with the quotation.

No complete matching frame data is published for this selected configuration.

OTHER CONFIGURATIONS IN THIS CATALOGUE CLASS

Engine	Alternator	V / phase	ESP kVA	PRP kVA
4016-61TRG2	Stamford S7L1D-G41	400 / 3	2250	2021

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.

GenPro technical specification | Reviewed 2026-10-12