

GPS410PS

Perkins diesel generator | Acoustic canopied

Designed and manufactured in the United Kingdom

410 kVA

ROUNDED CATALOGUE CLASS



Representative GenPro enclosure; final build may vary.

SELECTED CONFIGURATION

ENGINE

Perkins 2206A-E13TAG2

ALTERNATOR

Leroy Somer TAL0473B

ELECTRICAL OUTPUT

400 V | 3-phase | 50 Hz

PRIME POWER / PRP

361 kVA

289 kW

STANDBY POWER / ESP

412 kVA

330 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)
400	SS	412	330	361	289

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

GPS410PS | Perkins 2206A-E13TAG2 | Acoustic canopied

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	Leroy Somer
Model	TAL0473B
Type	Brushless
Phases	3
Bearings	1
Poles	4
Leads	4
AVR	R150
Voltage regulation	1.0% Regulation%
Insulation class	H
Excitation	Brushless
Winding	6S
Harmonic content	<5.00%
Short circuit	>300%

REFERENCE FUEL CONSUMPTION

50% LOAD 37 L/h	75% LOAD 54 L/h	100% LOAD 71 L/h	110% LOAD 80 L/h
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Reference figures vary with operating conditions and the confirmed duty.

INSTALLATION INFORMATION

L x W x H (mm) 4108 x 1508 x 2384	REFERENCE WEIGHT 4096.1 kg	FUEL TANK 650 L
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Reference frame 2900XX (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 TAL0473A	400 / 3	405	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.

GenPro technical specification | Reviewed 2026-10-12