

GPS330P

Perkins diesel generator | Open set

Designed and manufactured in the United Kingdom

330 kVA

ROUNDED CATALOGUE CLASS

ENGINE PLATFORM

Perkins

1506A-E88TAG5

Model-specific drawing supplied with quotation.

SELECTED CONFIGURATION

ENGINE

Perkins 1506A-E88TAG5

ALTERNATOR

Leroy Somer TAL046F

ELECTRICAL OUTPUT

400 V | 3-phase | 50 Hz

Configuration and appearance are confirmed with the quotation.

PRIME POWER / PRP

300 kVA

240 kW

STANDBY POWER / ESP

330 kVA

264 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	330	264	300	240

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

GPS330P | Perkins 1506A-E88TAG5 | Open set

ENGINE

Manufacturer	Perkins
Model	1506A-E88TAG5
Aspiration	Turbocharged
Combustion	Direct Injection
Cycle	4 Stroke
Governor	Electronic
Cylinders	6
Arrangement	In Line
Displacement	8.8L
Bore	112mm
Stroke	149mm
Compression ratio	16.1:1
Cooling	Liquid Cooled
Coolant capacity	33.2L
Oil capacity	41.0L

ALTERNATOR

Manufacturer	Leroy Somer
Model	TAL046F
Type	Brushless
Phases	3
Bearings	1
Poles	4
Leads	6
AVR	R150
Voltage regulation	1%
Insulation class	H
Excitation	Self Excited
Winding	6S
Harmonic content	<5.00%
Short circuit	>300%

REFERENCE FUEL CONSUMPTION

50% LOAD 33 L/h	75% LOAD 48.2 L/h	100% LOAD 64.9 L/h	110% LOAD 73.1 L/h
---------------------------	-----------------------------	------------------------------	------------------------------

Reference figures vary with operating conditions and the confirmed duty.

INSTALLATION INFORMATION

L x W x H (mm)	REFERENCE WEIGHT	FUEL TANK
3010 x 1086 x 1710	2414.65 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 TAL046F	400 / 3	330	300

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