

GPS660P

Perkins diesel generator | Open set

Designed and manufactured in the United Kingdom

660 kVA

ROUNDED CATALOGUE CLASS

ENGINE PLATFORM

Perkins

2806A-E18TAG1A

Model-specific drawing supplied with quotation.

SELECTED CONFIGURATION

ENGINE

Perkins 2806A-E18TAG1A

ALTERNATOR

Leroy Somer TAL0473E

ELECTRICAL OUTPUT

400 V | 3-phase | 50 Hz

Configuration and appearance are confirmed with the quotation.

PRIME POWER / PRP

600 kVA

480 kW

STANDBY POWER / ESP

660 kVA

528 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	660	528	600	480

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

GPS660P | Perkins 2806A-E18TAG1A | Open set

ENGINE

Manufacturer	Perkins
Model	2806A-E18TAG1A
Aspiration	Turbocharged
Combustion	Direct Injection
Cycle	4 Stroke
Governor	Electronic
Cylinders	6
Arrangement	In Line
Displacement	18.1L
Bore	145mm
Stroke	183mm
Compression ratio	14.5:1
Cooling	Liquid Cooled
Coolant capacity	61.0L
Oil capacity	62.0L

ALTERNATOR

Manufacturer	Leroy Somer
Model	TAL0473E
Type	Brushless
Phases	3
Bearings	1
Poles	4
Leads	6
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 61 L/h	75% LOAD 90 L/h	100% LOAD 123 L/h	110% LOAD 134 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.

SPECIFY YOUR PROJECT

Tell us your site load, required voltage and phase, prime or standby duty, ambient conditions and installation requirements. GenPro will confirm a suitable build and its exact specification.

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