DGGB560P

560 kVA

ROUNDED CATALOGUE CLASS

Perkins diesel generator | Open set

NEW DIESEL GENERATOR RANGE

ENGINE PLATFORM

Perkins

2506A-E15TAG2

Model-specific drawing supplied with quotation.

SELECTED CONFIGURATION

ENGINE

Perkins 2506A-E15TAG2

ALTERNATOR

Stamford S5L1D-D41

ELECTRICAL OUTPUT

400 V | 3-phase | 50 Hz

Configuration and appearance are confirmed with the quotation.

PRIME POWER / PRP

513 kVA 410 kW

STANDBY POWER / ESP

562 kVA 450 kW

Ratings shown at 400 V, 3-phase, 50 Hz. The DGGB 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	550	440	500	400
400	SS	562	450	513	410
415	SS	550	440	500	400

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.

Exact build, performance and delivery scope are confirmed in the quotation.

Technical specification

DGGB560P | Perkins 2506A-E15TAG2 | Open set

ENGINE

Manufacturer	Perkins
Model	2506A-E15TAG2
Aspiration	Turbocharged
Combustion	Direct Injection
Cycle	4 Stroke
Governor	Electronic
Cylinders	6
Arrangement	In Line
Displacement	15.2L
Bore	137mm
Stroke	171mm
Compression ratio	16:1
Cooling	Liquid Cooled
Coolant capacity	58.0L
Oil capacity	62.0L

ALTERNATOR

Manufacturer	Stamford
Model	S5L1D-D41
Type	Brushless
Phases	3
Bearings	1
Poles	4
Leads	12
AVR	AS440
Voltage regulation	1.0% Regulation%
Insulation class	H
Excitation	Brushless
Winding	311
Harmonic content	<5.00%
Short circuit	>300%

REFERENCE FUEL CONSUMPTION

50% LOAD	75% LOAD	100% LOAD	110% LOAD
53 L/h	76 L/h	100 L/h	111 L/h

Reference figures vary with operating conditions and the confirmed duty.

INSTALLATION INFORMATION

L x W x H (mm)	REFERENCE WEIGHT	FUEL TANK
3499 x 1273 x 2057	3637.7 kg	590 L

Reference frame 9090GA (UK/EU). Drawing, weights and tank capacity are subject to the ordered build.

SPECIFY YOUR PROJECT

Tell us your site load, required voltage and phase, prime or standby duty, ambient conditions and installation requirements. DGGB 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.
DGGB technical specification | Reviewed 2026-10-12

Exact build, performance and delivery scope are confirmed in the quotation.