DGGB460PS

460 kVA
ROUNDED CATALOGUE CLASS

Perkins diesel generator | Acoustic canopied

NEW DIESEL GENERATOR RANGE



Representative DGGB enclosure; final build may vary.

SELECTED CONFIGURATION

ENGINE
Perkins 2206A-E13TAG3

ALTERNATOR
Stamford S4L1D-F41

ELECTRICAL OUTPUT
400 V | 3-phase | 50 Hz

PRIME POWER / PRP
406 kVA 325 kW

STANDBY POWER / ESP
454 kVA 363 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)
190	PS	425	340	400	320
200	PS	454	363	406	325
208	PS	455	364	407	326
220	PS	440	352	400	320
220	SD	425	340	400	320
230	SD	454	363	406	325
240	SD	455	364	407	326
254	SD	440	352	400	320
380	SS	425	340	400	320
400	SS	454	363	406	325
415	SS	455	364	407	326
440	SS	440	352	400	320

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

DGGB460PS | Perkins 2206A-E13TAG3 | Acoustic canopied

ENGINE

Manufacturer	Perkins
Model	2206A-E13TAG3
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	Stamford
Model	S4L1D-F41
Type	Brushless
Phases	3
Bearings	1
Poles	4
Leads	12
AVR	AS440
Voltage regulation	1%
Insulation class	H
Excitation	Self Excited
Winding	311
Harmonic content	<5.00%
Short circuit	>300%

REFERENCE FUEL CONSUMPTION

50% LOAD	75% LOAD	100% LOAD	110% LOAD
42 L/h	62 L/h	81 L/h	90 L/h

Reference figures vary with operating conditions and the confirmed duty.

INSTALLATION INFORMATION

L x W x H (mm)	REFERENCE WEIGHT	FUEL TANK
4108 x 1508 x 2384	4114.1 kg	500 L

Reference frame 2900EX (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.