DGGB340PS

340 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-E13TAG2

ALTERNATOR

Stamford S4L1D-D41

ELECTRICAL OUTPUT

400 V | 3-phase | 50 Hz

PRIME POWER / PRP

310 kVA 248 kW

STANDBY POWER / ESP

340 kVA 272 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	330	264	300	240
200	PS	340	272	310	248
208	PS	340	272	310	248
220	PS	320	256	290	232
220	SD	330	264	300	240
230	SD	340	272	310	248
240	SD	340	272	310	248
254	SD	320	256	290	232
380	SS	330	264	300	240
400	SS	340	272	310	248
415	SS	340	272	310	248
440	SS	320	256	290	232

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

DGGB340PS | 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	Stamford
Model	S4L1D-D41
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
37 L/h	54 L/h	71 L/h	80 L/h

Reference figures vary with operating conditions and the confirmed duty.

INSTALLATION INFORMATION

L x W x H (mm)	REFERENCE WEIGHT	FUEL TANK
3958 x 1504 x 2384	3846.1 kg	500 L

Reference frame 2900E (UK/EU). 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
1506A-E88TAG5	Stamford S4L1D-D41	400 / 3	338	310
1506A-E88TAG5	Leroy Somer TAL046G	400 / 3	342	313
1506A-E88TAG5	Leroy Somer TAL0473A	400 / 3	340	311

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.
DGGB technical specification | Reviewed 2026-10-12

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