DGGB720P

720 kVA

ROUNDED CATALOGUE CLASS

Perkins diesel generator | Open set

NEW DIESEL GENERATOR RANGE

ENGINE PLATFORM

Perkins

2806A-E18TAG2

Model-specific drawing supplied with quotation.

SELECTED CONFIGURATION

ENGINE

Perkins 2806A-E18TAG2

ALTERNATOR

Leroy Somer TAL049B

ELECTRICAL OUTPUT

400 V | 3-phase | 50 Hz

Configuration and appearance are confirmed with the quotation.

PRIME POWER / PRP

670 kVA 536 kW

STANDBY POWER / ESP

720 kVA 576 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)
400	SS	720	576	670	536

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

DGGB720P | Perkins 2806A-E18TAG2 | Open set

ENGINE

Manufacturer	Perkins
Model	2806A-E18TAG2
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	TAL049B
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	75% LOAD	100% LOAD	110% LOAD
66 L/h	97 L/h	132 L/h	143 L/h

Reference figures vary with operating conditions and the confirmed duty.

INSTALLATION INFORMATION

L x W x H (mm)	REFERENCE WEIGHT	FUEL TANK
3402 x 1536 x 2153	4184.9 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
2806A-E18TAG2	Leroy Somer TAL0473F	400 / 3	722	660
2806A-E18TAG2	Stamford S5L1D-F41	400 / 3	721	670
2806A-E18TAG2	Leroy Somer TAL049B	400 / 3	720	670

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.