DGGB2400PS

2400 kVA
ROUNDED CATALOGUE CLASS

Perkins diesel generator | Acoustic canopied

NEW DIESEL GENERATOR RANGE

ENGINE PLATFORM

Perkins

4016-61TRG3

Model-specific drawing supplied with quotation.

SELECTED CONFIGURATION

ENGINE
Perkins 4016-61TRG3

ALTERNATOR
Stamford S7L1D-H41

ELECTRICAL OUTPUT
400 V | 3-phase | 50 Hz

Configuration and appearance are confirmed with the quotation.

PRIME POWER / PRP
2250 kVA 1800 kW

STANDBY POWER / ESP
2400 kVA 1920 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	2290	1832	2135	1708
400	SS	2400	1920	2250	1800

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

DGGB2400PS | Perkins 4016-61TRG3 | Acoustic canopied

ENGINE

Manufacturer	Perkins
Model	4016-61TRG3
Aspiration	Turbocharged
Combustion	Direct Injection
Cycle	4 Stroke
Governor	Electronic
Cylinders	16
Arrangement	At Vee
Displacement	61.123L
Bore	160mm
Stroke	190mm
Compression ratio	13:1
Cooling	Liquid Cooled
Coolant capacity	230L
Oil capacity	213L

ALTERNATOR

Manufacturer	Stamford
Model	S7L1D-H41
Type	Brushless
Phases	3
Bearings	1
Poles	4
Leads	6
AVR	MX341
Voltage regulation	1%
Insulation class	H
Excitation	PMG
Winding	312
Harmonic content	<5.00%
Short circuit	>300%

REFERENCE FUEL CONSUMPTION

50% LOAD	75% LOAD	100% LOAD	110% LOAD
246 L/h	349 L/h	470 L/h	529 L/h

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.

OTHER CONFIGURATIONS IN THIS CATALOGUE CLASS

Engine	Alternator	V / phase	ESP kVA	PRP kVA
4016-61TRG3	Leroy Somer LSA52.3S7	400 / 3	2420	2200

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.