GPS30B

30 kVA
ROUNDED CATALOGUE CLASS

Baudouin diesel generator | Open set

Designed and manufactured in the United Kingdom

ENGINE PLATFORM

Baudouin

4M06G4D0/S

Model-specific drawing supplied with quotation.

Configuration and appearance are confirmed with the quotation.

SELECTED CONFIGURATION

ENGINE
Baudouin 4M06G4D0/S

ALTERNATOR
Stamford S1L2-J1

ELECTRICAL OUTPUT
400 V | 3-phase | 50 Hz

PRIME POWER / PRP
23.7 kVA 19 kW

STANDBY POWER / ESP
25.7 kVA 20.6 kW

Ratings shown at 400 V, 3-phase, 50 Hz. The GPS 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)
200	PS	25.7	20.6	23.7	19
208	PS	25.7	20.6	23.8	19
230	SD	25.7	20.6	23.7	19
240	SD	25.7	20.6	23.8	19
400	SS	25.7	20.6	23.7	19
415	SS	25.7	20.6	23.8	19

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.

Technical specification

GPS30B | Baudouin 4M06G4D0/S | Open set

ENGINE

Manufacturer	Baudouin
Model	4M06G4D0/S
Aspiration	Turbocharged
Combustion	Direct Injection
Cycle	4 Stroke
Governor	Electronic
Cylinders	4
Arrangement	In Line
Displacement	2.3L
Bore	89mm
Stroke	92mm
Compression ratio	17.5:1
Cooling	Liquid Cooled
Coolant capacity	8.6L
Oil capacity	11.5L

ALTERNATOR

Manufacturer	Stamford
Model	S1L2-J1
Type	Brushless
Phases	3
Bearings	1
Poles	4
Leads	12
AVR	AS540
Voltage regulation	1%
Insulation class	H
Excitation	Self Excited
Winding	311
Harmonic content	<5.00%
Short circuit	>100%

REFERENCE FUEL CONSUMPTION

50% LOAD	75% LOAD	100% LOAD	110% LOAD
3.2 L/h	4.5 L/h	6.1 L/h	7.1 L/h

Reference figures vary with operating conditions and the confirmed duty.

INSTALLATION INFORMATION

REFERENCE WEIGHT	FUEL TANK
608 kg	75 L

Reference frame 9044GA (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
4M06G4D0/S	Leroy Somer TAL042A	400 / 3	25.5	23.5
4M06G6D0/S	Stamford S1L2-Y1	230 / 1	32.8	29.9

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.
GenPro technical specification | Reviewed 2026-10-12