GPS420BS

420 kVA
ROUNDED CATALOGUE CLASS

Baudouin diesel generator | Acoustic canopied

Designed and manufactured in the United Kingdom

Representative GenPro enclosure; final build may vary.

SELECTED CONFIGURATION

ENGINE
Baudouin 6M21G2D0/S

ALTERNATOR
Stamford S4L1D-E41

ELECTRICAL OUTPUT
400 V | 3-phase | 50 Hz

PRIME POWER / PRP
360 kVA 288 kW

STANDBY POWER / ESP
415 kVA 332 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)
190	PS	380	304	350	280
200	PS	415	332	360	288
208	PS	400	320	360	288
220	PS	380	304	350	280
220	SD	380	304	350	280
230	SD	415	332	360	288
240	SD	400	320	360	288
254	SD	380	304	350	280
380	SS	380	304	350	280
400	SS	415	332	360	288
415	SS	400	320	360	288
440	SS	380	304	350	280

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

GPS420BS | Baudouin 6M21G2D0/S | Acoustic canopied

ENGINE

Manufacturer	Baudouin
Model	6M21G2D0/S
Aspiration	Turbocharged
Combustion	Direct Injection
Cycle	4 Stroke
Governor	Electronic
Cylinders	6
Arrangement	In Line
Displacement	12.54L
Bore	127mm
Stroke	165mm
Compression ratio	16:1
Cooling	Liquid Cooled
Coolant capacity	45L
Oil capacity	32L

ALTERNATOR

Manufacturer	Stamford
Model	S4L1D-E41
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
41 L/h	60.7 L/h	82.1 L/h	91.3 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	3560.5 kg	500 L

Reference frame 2900E (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. GenPro 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.
GenPro technical specification | Reviewed 2026-10-12