GPS560BS

560 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 6M21G550/5

ALTERNATOR
Stamford HCI544D1

ELECTRICAL OUTPUT
400 V | 3-phase | 50 Hz

PRIME POWER / PRP
514 kVA 411 kW

STANDBY POWER / ESP
559 kVA 447 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	550	440	500	400
200	PS	559	447	514	411
208	PS	550	440	500	400
220	PS	530	424	500	400
220	SD	550	440	500	400
230	SD	559	447	514	411
240	SD	550	440	500	400
254	SD	530	424	500	400
380	SS	550	440	500	400
400	SS	559	447	514	411
415	SS	550	440	500	400
440	SS	530	424	500	400

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

GPS560BS | Baudouin 6M21G550/5 | Acoustic canopied

ENGINE

Manufacturer	Baudouin
Model	6M21G550/5
Aspiration	Turbocharged
Combustion	Direct Injection
Cycle	4 Stroke
Governor	ECU
Cylinders	6
Arrangement	In Line
Displacement	12.54L
Bore	127mm
Stroke	165mm
Compression ratio	16:1
Cooling	Liquid Cooled
Coolant capacity	62L
Oil capacity	40L

ALTERNATOR

Manufacturer	Stamford
Model	HCI544D1
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
51 L/h	75.3 L/h	109.5 L/h	123.1 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	4041.85 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
6M21G8D0/S	Stamford S5L1D-D41	400 / 3	559	514
6M21G8D0/S	Stamford HCI544D1	400 / 3	559	514

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