GPS2200B

2200 kVA
ROUNDED CATALOGUE CLASS

Baudouin diesel generator | Open set

Designed and manufactured in the United Kingdom

ENGINE PLATFORM

Baudouin

16M33G2250/5

Model-specific drawing supplied with quotation.

Configuration and appearance are confirmed with the quotation.

SELECTED CONFIGURATION

ENGINE
Baudouin 16M33G2250/5

ALTERNATOR
Leroy Somer LSA52.3S6

ELECTRICAL OUTPUT
400 V | 3-phase | 50 Hz

PRIME POWER / PRP
2000 kVA 1600 kW

STANDBY POWER / ESP
2200 kVA 1760 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)
400	SS	2200	1760	2000	1600

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

GPS2200B | Baudouin 16M33G2250/5 | Open set

ENGINE

Manufacturer	Baudouin
Model	16M33G2250/5
Aspiration	Turbocharged
Combustion	Direct Injection
Cycle	4 Stroke
Governor	ECU
Cylinders	16
Arrangement	At Vee
Displacement	52.3L
Bore	150mm
Stroke	185mm
Compression ratio	14:1
Cooling	Liquid Cooled
Coolant capacity	336L
Oil capacity	175L

ALTERNATOR

Manufacturer	Leroy Somer
Model	LSA52.3S6
Type	Brushless
Phases	3
Bearings	1
Poles	4
Leads	6
AVR	D550
Voltage regulation	0.5%
Insulation class	H
Excitation	Auxiliary Wound
Winding	6S
Harmonic content	<2.00%
Short circuit	>300%

REFERENCE FUEL CONSUMPTION

50% LOAD	75% LOAD	100% LOAD	110% LOAD
208.8 L/h	311.3 L/h	428.6 L/h	484.6 L/h

Reference figures vary with operating conditions and the confirmed duty.

INSTALLATION INFORMATION

REFERENCE WEIGHT

11722 kg

Reference frame GenericPerkins4000 (Export). 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