

Illustration; final configuration may vary.

500 kVA Silent Diesel Generator - Three Phase

Model: B500GH-SB - 400V | 50 hz | SB Range

Baudouin Powered Diesel Engine, Fully Designed in The United Kingdom Controlled by a DSE Auto Start Digital Controller.

Model	Baudouin	Deepsea	Prime	Standby	Phase
B500GH-SB	6M21G500/5	6120 MKII Autostart	450.0 kVA / 360.0 kW	500.0 kVA / 280.0 kW	3
Fuel Consumption			50% PRP 46.6 L/hr	75% PRP 69.6 L/hr	100% PRP 95.9 L/hr

SB Series Canopies default features

- Compatible with 2000/14/EC directives, certified noise emission level
- 2 or 4 points transport possibility according to canopy size.
- Hidden residential low noise exhaust built in the canopy.
- Emergency stop button located on the canopy
- Acoustic vents for Improved air suction channel to ensure sufficient cooling in the canopy.
- Radiator air outlet and exhaust with designed towards above
- Galvanised & Powder Coated (white finish) against corrosion and rust.
- Improved performance in terms of sound insulation.

Base Frame & Fuel Tank

Base is manufactured from galvanised steel that has features and durability. Thanks to its rigid structural design and anti-vibration mounts, it reduces vibration level to minimum. Base frame contain lifting points to make transportation and positioning easy. With integrated base fuel tank

DeepSea Electronics DSE6120 Controller

The DSE6120 is an Auto Start Control Module and the DSE6120 is an Auto Mains (Utility) Failure Control Module suitable for a wide variety of single, diesel or gas, gen-set applications.



Monitoring an extensive number of engine parameters, the modules will display warnings, shutdown and engine status information on the back-lit LCD screen, illuminated LEDs, Optional remote PC and via SMS text alerts (with external modem).

Dimensions	Length [mm]	Width [mm]	Hight [mm]	Weight [kg]	Fuel Capacity [LT]	Sound Level [dBA]
B500GH-SB	4388	1600	2470	4331	1000 Litres	71.3 dBA @ 7m

In accordance with our commitment to continuous product improvement, we reserve the right to modify specifications without prior notice.

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Engine

EME Power provides industrial diesel engines that meet ISO 8528 and ISO 3046 specifications. These engines are designed for heavy-duty applications, offering low fuel consumption and precise speed adjustment and regulation. They are equipped with mechanical or electronic governors mounted on the fuel pump and are available with oil, air, or water cooling systems to suit specific operational requirements.The engines are built with robust oil, fuel, and air filtration systems tailored for demanding operational conditions, ensuring long life and high performance. They are 4-stroke, direct-injection engines with all necessary limit and level sensors for safe operation. Engines designed exclusively for standby use are excluded from the production portfolio.



Cooling Systems

Radiators in EME Power are selected from original options or approved vendor lists of engine manufacturers. These radiators are designed to optimise usability, spare part availability, high performance, and maximum efficiency. Remote-type radiators capable of handling temperatures up to 55°C can also be provided.



Base Frame

EME Power manufactures frames for all generator sets based on international standards. The frames are designed and constructed using plate panels or profiles to ensure high resistance to vibration and stresses, providing long-lasting durability.

Documentation

EME Power provides comprehensive documentation with every generator set, including:

- Maintenance and operation manual
- Engine and alternator manuals
- Controller usage and maintenance booklet
- Warranty certificate
- Electrical diagrams

Warranty

The warranty period for EME Power begins on the invoice date and covers up to 1 year or 1,000 operational hours, whichever comes first.

Authorised Dealer:

EME Power supplies generator sets for project requirements. Final configuration and commercial terms are confirmed in the written quotation.

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