HEAVY DUTY RANGE



Illustration; final configuration may vary.

Baudouin Powered Diesel Engine Coupled to Leroy Somer LSA Alternator, Fully Designed in The United Kingdom Controlled by a DSE 6120 Auto Start Digital Controller.

50 kVA | 50 Hz | 400V | 1500 RPM | PF 0.8

Model	Baudouin	Leroy Somer	Deepsea	Prime	Standby	Phase
B50LS - HD	4M06G50/5	LSA 42.3 M7	DSE 6120	36 kW - 45 kVA	40 kW - 50 kVA	3

HD Series Canopies default features

- Compatible with 2000/14/EC directives, certified noise emission level
- 6 points transport possibility according to canopy size.
- Super Silent hidden residential low noise exhaust built in the canopy.
- Emergency stop button located on the canopy
- Large vents for Improved air suction channel ensuring good cooling.
- Radiator air outlet and exhaust with designed towards above
- Heavy Duty Galvanised & Powder Coated against corrosion and rust.
- Improved performance in terms of sound insulation.



HD Series Base Frame & Fuel Tank

Base is manufactured from thick walled 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 modular 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, remote PC and via SMS text alerts (with external modem).



Heavy Duty Sockets



Sockets	16A / 1Ph - 3 Pin	16A / 3 Ph - 5 Pin	32A / 1Ph - 3 Pin	32A / 3Ph - 5 Pin	63A / 3Ph - 5 Pin	125A / 3Ph - 5 Pin
	2	N/A	N/A	N/A	1	N/A

Economical Fuel Consumption

Fuel Consumption	50% Load	75% Load	100% Load	110% Load
	5.4 L / Hr	8.0 L / Hr	10.7 L / Hr	11.8 L / Hr

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.

Alternator
EME Power incorporates original European-brand alternators in its generator sets, fully complying with international standards such as IEC 60034-1, ISO 8528-3, EN 55011, BS 4999-5000, and VDE 0530. These alternators deliver high efficiency and superior performance under all conditions and are certified to meet global quality standards.

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.

Accessories
The EME Power Heavy Duty Generator Range is delivered as standard with coolant heater, anti-condensation protection, standby battery charger, and secure anti-vandal locking system, ensuring reliability, durability, and peace of mind.

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.

Dimensions	Length [mm]	Width [mm]	Hight [mm]	Weight [kg]	Fuel Capacity [LT]	Sound Level [dBA]
	2280	900	1280	980 kg	100 L	TBC

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.

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

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