Cummins Powered Diesel Engine Coupled to Stamford Alternator, Fully Designed & Manufactured in The United Kingdom Controlled by a DSE 7320 MKII Auto Start Digital ATS/AMF Controller
Built to high quality UK and & EU Standards. Designed to Perform. Built to Last

380 - 415V | 1500 RPM | 50Hz | P.F 0.8



Illustration; final configuration may vary.

Model	Cummins	Cylinders	Stamford	Deepsea	PRP	ESP	Consumption	Phase
C580-S	QSZ13-G10	6 inline	S5L1D-D	DSE 7320 MKII	530 kVA / 424 kW	580 kVA / 464 kW	73 l/h	3
C700-S	VTA28-G5	V12 - Turbo	S5L1D-F	DSE 7320 MKII	646 kVA / 516.8 kW	700 kVA / 560 kW	104 l/h	3
C850-S	VTA28-G5	V12 - Turbo	S6L1D-C	DSE 7320 MKII	770 kVA / 616 kW	843 kVA / 674.4 kW	104 l/h	3
C900-S	QSK23-G3	6 inline	S5L1D-D	DSE 7320 MKII	821 kVA / 656.8 kW	892 kVA / 713.6 kW	121 l/h	3
C1130-S	KTA38-G14	V12 - Turbo	S6L1D-E	DSE 7320 MKII	1028 kVA / 822.4 kW	1124 kVA / 899.2 kW	161 l/h	3
C1450-S	KTA50-G3	V16 - Turbo	S6L1D-G	DSE 7320 MKII	1260 kVA / 1008 kW	1345 kVA / 1076 kW	199 l/h	3
C1650-S	KTA50-GS8	V16 - Turbo	S7L1D-C	DSE 7320 MKII	1510 kVA / 1208 kW	1660 kVA / 1328 kW	238 l/h	3
C2250-S	QSK60-G4	V16 - Turbo	S7L1D-G4	DSE 7320 MKII	2040 kVA / 1634 kW	2250 kVA / 1800 kW	291 l/h	3

Engines

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.

Alternators

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.

Canopy & Base Frames

EME Power manufactures Canopies & frames for all generator sets based on international standards. The base frames are designed and constructed using plate panels or profiles to ensure high resistance to vibration and stresses, providing long-lasting durability. Canopy is manufactured from galvanised steel that has features and durability with state of the art accuvents. Thanks to its rigid structural design and anti-vibration mounts, it reduces vibration and noise level to minimum. All base frames contain lifting points and forklift pockets to make transportation and positioning easy. With integrated fuel tank



DeepSea Electronics DSE7320 MKII Auto Start ATS/AMF Controllers

The DSE7320 MKII 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).

Canopy Dimensions	Length [mm]	Width [mm]	Hight [mm]	Weight [kg]	Fuel Capacity [LT]	+/- Sound Level [dBA]
C580-S	4453	1710	2473	TBA	1200	72.7 dBA - 7m
C700-S	5939	2260	2595	7719	1500	71.1 dBA - 7m
C850-S	5939	2260	2595	TBA	1500	71.1 dBA - 7m
C900-S	5939	2260	2595	TBA	1500	71.1 dBA - 7m
C1130-S	6580	2450	2832	TBA	2000	71.1 dBA - 7m
C1450-S	7319	2460	3084	TBA	3000	71.1 dBA - 7m
C1650-S	8360	2560	3242	TBA	3000	71.1 dBA - 7m
C2250-S	8360	2560	3242	TBA	3000	71.1 dBA - 7m

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

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.

Disclaimer: Images are for illustration purposes only; actual products may differ in appearance. EME Power reserves the right to modify specifications without prior notice as part of our ongoing commitment to product improvement.