

Illustration; final configuration may vary.

# Perkins EnergyMax
# P1125-S | P1250-S | P1400-S

Perkins Powered Diesel Engine Coupled to Stamford AVK Alternator, Fully Designed in The United Kingdom Controlled by a DSE Auto Start Digital Controller.

| Model | Perkins | Stamford | Deepsea | Prime | Standby | Phase |
|---|---|---|---|---|---|---|
| **P1125-S** | 4012-46TWG2A | S6L1D-E | 7320 MKII | 1020.0 kVA | 1125.0 kVA | 3 |
| **P1250-S** | 4008-30TAG3 | S6L1D-F | 7320 MKII | 1120.0 kVA | 1230.0 kVA | 3 |
| **P1400-S** | 4012-46TWG2A | S6L1D-G | 7320 MKII | 1260.0 kVA | 1345.0 kVA | 3 |

**EnergyMax 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 homogenous cooling in the canopy.
- Radiator air outlet and exhaust with designed towards above
- Galvanised & Powder Coated against corrosion and rust.
- Improved performance in terms of sound insulation.



**EnergyMax 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 modular fuel tank

**DeepSea Electronics DSE7320 Controller**

The DSE7310 is an Auto Start Control Module and the DSE7320 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).




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

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| Dimensions | Length [mm] | Width [mm] | Hight [mm] | Weight [kg] | Fuel Capacity [LT] | Sound Level [dBA] |
|---|---|---|---|---|---|---|
| **P1125 Open** | 4770 | 2066 | 2347 | 7585 | 1500 | N/A |
| **P1125-S Canopied** | 5939 | 2260 | 2595 | 9235 | 1500 | 73.2 dBA @ 7m |
| **P1250 Open** | 4570 | 2115 | 2185 | 7850 | 2000 | N/A |
| **P1250-S Canopied** | 6580 | 2450 | 2832 | 12490 | 2000 | 73.4 dBA @ 7m |
| **P1400 Open** | 4761 | 2107 | 2457 | 9262 | 2000 | N/A |
| **P1400-S Canopied** | 6580 | 2450 | 2832 | 18417 | 2000 | 73.5 dBA @ 7m |

**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.

**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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