



Perkins Powered Diesel Engine Coupled to Leroy Somer Alternator, Fully Designed & Manufactured in The United Kingdom Controlled by a DSE 6120 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



Representative PPG image; legacy configuration may differ.

Model	Perkins	Cylinders	Leroy Somer	Deepsea	PRP	ESP	Consumption	Phase
PL80	1104A-44TG2	4 inline - Turbo	TAL044B	DSE 6120 MKII	80 kVA / 64 kW	88 kVA / 70.4 kW	18.7 l/h	3
PL100	1104C-44TAG2	4 inline - Turbo	TAL044D	DSE 6120 MKII	100 kVA / 80 kW	110 kVA / 88 kW	24.0 l/h	3
PL135	1106A-70TG1	6 inline - Turbo	TAL044H	DSE 6120 MKII	135 kVA / 108 kW	150 kVA / 120 kW	30.3 l/h	3
PL150	1106A-70TAG2	6 inline - Turbo	TAL044J	DSE 6120 MKII	150 kVA / 120 kW	165 kVA / 132 kW	33.4 l/h	3
PL180	1106A-70TAG3	6 inline - Turbo	TAL044L	DSE 6120 MKII	180 kVA / 144 kW	200 kVA / 160 kW	41.6 l/h	3
PL200	1106A-70TAG4	6 inline - Turbo	TAL044C	DSE 6120 MKII	200 kVA / 160 kW	220 kVA / 176 kW	45.8 l/h	3
PL225	1206A-70TTAG3	6 inline - Turbo	TAL046C	DSE 6120 MKII	225 kVA / 180 kW	250 kVA / 200 kW	51.0 l/h	3
PL230	1506A-E88TAG2	6 inline - Turbo	TAL046C	DSE 6120 MKII	230 kVA / 184 kW	253 kVA / 202.4 kW	48.6 l/h	3

Engines

PPG Generators 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

PPG Generators 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 PPG Generators 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

PPG Generators 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 accoutments. 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 DSE6120 MKII Auto Start ATS/AMF Controllers

The DSE6120 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 [L-T]	+/- Sound Level [dBA]
PL80	2430	860	1570	1550	200	71.1 dBA - 7m
PL100	2430	860	1570	1600	200	71.1 dBA - 7m
PL135	3500	1020	1980	1950	397	71.1 dBA - 7m
PL150	3500	1020	1980	2015	397	71.1 dBA - 7m
PL180	3500	1020	1980	2035	397	71.1 dBA - 7m
PL200	3500	1020	1980	2085	533	71.1 dBA - 7m
PL225	3920	1160	2360	4010	609	71.1 dBA - 7m
PL230	4140	1160	2220	4010	609	71.1 dBA - 7m

Documentation

PPG Generators 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 PPG Generators begins on the invoice date and covers up to **1 year or 1,000 operational hours**, whichever comes first.

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