

Make your job EASIER

HEALTH & SAFETY

As far as is reasonably possible this generator has been designed to ensure that it is safe and without risk to health when installed and operated in accordance with these instructions. This generator should only be operated by suitably qualified or experienced persons.

Please refer to the manual provided and take note of the following: -

01. Prior to installing the generator set you should check that the electrical load to be applied to the generator is within it's rated output at the stated ambient conditions.
02. Before carrying out any maintenance or repairs on the AC & DC circuits, isolate these from the control panel & power supplies.
03. Before carrying out any maintenance or repairs on the Engine / Alternator assembly isolate the starting battery and isolate the alternator from the load.
04. When handling fuel, lubricating oil, battery fluids, take the necessary precautions to protect skin & eyes with appropriate PPE.
05. All mechanical guards must be in place while the generating set is running.
06. The water cooling system is pressurized and care should be taken when checking coolant level.
07. Ensure that both the generator and the load are properly earthed.
08. The generator should be connected to the load only by a qualified operator and in accordance with the applicable regulations.

IMPORTANT – IF THE ENGINE SHUTS DOWN ON A FAULT CONDITION, IT MUST NOT BE STARTED UNTIL THE FAULT HAS BEEN CLEARED.

OPERATION

! 01. Generator should be run with all doors closed !

02. Before starting the generator check the following: -

Oil level Water level
Fuel level Signs of leaks

Fuel lever is in the correct position!!

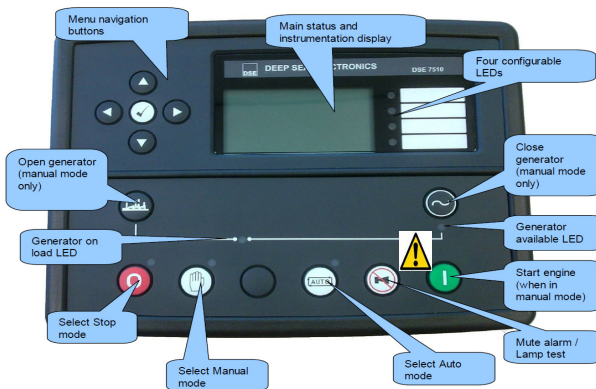
INTERNAL – Running from internal fuel tank.

EXTERNAL – Running from external fuel tank.

03. Check that the main circuit breaker is in the open position.
To initiate a start sequence in **MANUAL**, press the hand pushbutton. When the controller is in the manual mode (Indicated by an LED indicator beside the button), pressing the **START (I)** button will initiate the start sequence.
04. Run off load for 2 / 3 minutes before stopping the generator.
05. Stop the generator by pressing the stop button.
06. EARTH LEAKAGE should be in the ON position for normal operation and should only be switched OFF after consulting KENNARDS generator branch.
07. Refer to the KENNARDS generator branch if required to run in AUTO.

08. Do not do any of the following: -

- (a) Make any adjustments with the engine running.
- (b) Use dirty or the same can to add oil or water.
- (c) Remove or replace batteries without contacting Kennards



DAILY CHECKS

01. Engine oil level (Use SAE 15W-40 or equivalent).
02. Drain any excess water from fuel filters.
03. Fuel tank level. Always use clean fuel & replace fuel cap. Use only good quality Diesel.
04. Water / Anti-freeze level.
05. Check air filter. In dusty conditions clean primary air filters regularly.
06. Check battery terminals and condition.
07. Visual check of drive belts. DO NOT REMOVE GUARDS.
08. Rectify any minor water, oil, fuel leaks.
09. Report any recurring leaks & problems to KENNARDS GENERATOR BRANCH.
10. Clean & empty bund if required.
11. Check all meters / gauges are functional.
12. Check oil pressure & engine temperature are within acceptable limits.
13. Report immediately any abnormal consumption of fuel, oil or water.
14. Report immediately any electrical or mechanical operating difficulties.
15. Log & report any defects.
16. Please contact KENNARDS GENERATOR BRANCH for service intervals.