

Fuel specification

BS 2869: Part 2 1998 Class A2 or ASTM D975 D2.

Lubricant Specification

API CH4/4CEA E5.

Cooling system specs

All engines are water cooled.

Direction of rotation

All engines are Anti-Clockwise, except DE-P100LS, DE-P100S, DE-P100M, DE-P110LS, DE-P110S AND DE-P110M are Clockwise.

Cycle

All engines are 4-stroke.

Governor

Maintains the desired running speed. M: Mechanical, E: Electronic.

Injection

Fuel injection system. D: Direct, | : i= injection.

Aspiration

Inlet Air system. T: Turbocharger, TA: Turbocharger + After cooler, TWC: Turbocharger + water charge cooler.

of Cylinders

Combustion chamber. L: in line, V: 60°Vee form.

Control Panel System

Both analogues and digitals meters Generator Volts: U-N, V-N, W-N

Generator Volts: U-V, V-W, W-U.

Generator Amps: U, V, W.

Generator Frequency.

Battery Voltage.

Engine Coolant Temperature Engine Oil Pressure.

Engine Hours Run.

Features & Protections

Both manual and remote starting and stopping,

Automatic Key Start control panel

Low oil pressure alarm shut off,

High engine temperature alarm shut off,

Low and High DC battery voltage/fan belt failure alarm shut off,

Over and Under speed (Hz) alarm shut off,



Auxiliary, Low fuel level or low water level alarm shut off,
Phase sequence shut off

Alternator

All Alternators conform to main international standards and regulations Brushless Single or double bearing

Regulation: +0.5%

International Protection: IP23 DELTA.

Insulation class: H Circuit breaker 3 or 4 poles Molded Case Circuit Breaker mounted with easy access.

Fuel Tank

On all sets, the base frame and anti-vibration pads are designed and selected to assure the stability of Gen-Set on it incorporates an integral daily fuel tank with a capacity of approximately 6 to 7 hours depending on the size of engine and load. The daily fuel tank is supplied with mechanical indicator, fuel cap and breather, supply and return fuel pipes connected to the engine.

All Generator-Sets are delivered with Residential muffler.