

DATA SHEET

Ratings @ 0.8 PF

Prime Rating

Stand-by Rating

Voltage* ¹ Frequency* ²

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The above ratings represent the generating set capability guaranteed within $\pm 3\%$ at the reference conditions equivalent to those specified in ISO 8528/1 standard.

Notes

Engine Technical Data

Make & Model	
Cylinders & Arrangement	
Bore & Stroke (mm)	
Induction system	
Combustion	
Cycle	
Compression ratio	
Cooling System	
Displacement	
Lube oil capacity	
Coolant capacity	
Standard governor (Optional)	
Engine Speed	
Prime Fuel Cons. (L/H) @100%	
Standby Fuel Cons. (L/H) @110%	
Radiator Cooling Air	
Ambient Temperature	
Exhaust temperature °C (max)	
exhaust gas flow (m ³ /min) Max.	
allowed back pressure (kPa)	



Certifications

- The complete Generating Set is type-tested according to ISO 8528-8 Standard.
- The control panel is certified by an ISO 17025 accredited laboratory to have IP55 according to IEC 60355



Dimensions

Length

Height

Width

Weight

The above performance data are valid as per the following specs:

- Diesel Fuel is according to BS2869 Class A2 or equivalent.
- Lubricating oil is according to Grade SAE 15W-40 API CI4.
- The coolant should be 50% antifreeze and 50% fresh water.

Alternator Technical Data

Make & Model			
Frequency / No. of poles		Winding pitch	
Ingress protection		AVR model	
Insulation class		Overspeed	
Terminals (Optional)		Voltage regulation	
Excitation system		Coolant air flow	



DEEP SEA 7320MKII

Controls

Indications

Warning & Shutdown Alarms

Features



Genset Standard Features

Fabrication:

- The engine/alternator assembly rests on skid with Anti-vibration mounting pads.
- The skid is made up of durable sheet metals and beams exceeding "Vibration & Torsion" Resistance Norms.
- Askid mounted fuel tank is supplied with fuel gauge, filler cap, fuel intel and outlet hoses.
- The control panel enclosure is made up of metal sheet .

Paint:

- The skid and control panel enclosure are painted with heat-treated and power-coated electrostatic corona spraying.
- Paints passed durability tests conforming to international quality standards.
- Impact (EN ISO 6272)
- Salt Spray Resistance (ASTM B117-73)
- Humidity Resistance (ASTM D2247)

Works-Testing:

- All Gensets are tested prior to dispatch.
- Test is automatically generated and checked according to ISO8528
- Test certificate is issued for each Genset

Equipment:

- Water cooled Radiator with belt driven blower fan and full guarding
- Electric starter with solenoid Relay
- Battery Charging Alternator
- Energized to run solenoid
- Replaceable fuel, oil and air filters
- Heavy duty leads acid battery with matching capacity (Amps & CCA)
- One loose supplied industrial exhaust silencer – 16 DB noise reduction level.
- Integral Fuel Tank with 117 L capacity.

Documentation:

- User Manual for Operation, Installation and Maintenance guidance
- Wring Diagram.
- Test Report
- Maintenance Schedule
- Catalogues for Engine, Alternator & AVR

Genset Optional Features

- Manual & Automatic Transfer Switches,
- Synchronizing & Totalizing Panels
- Fuel water separator
- Water jacket heater
- Oil heater
- Fuel heater
- Battery heater
- Anti-condensation Heater
- Air Shut-off Valve
- Oil Sampler
- Pre-lube Oil Pump