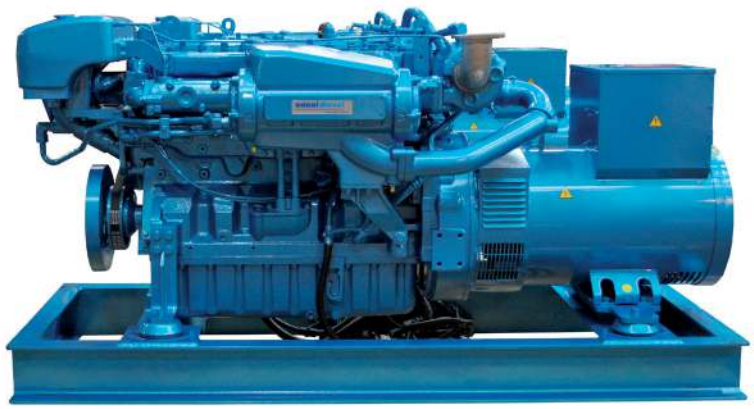
QLS102T

SPECIFICATIONS



Frequency	50 Hz	60 Hz
Voltage	400 V	480 V
Amperes	136 A cont. 163 A max.	135 A cont. 162 A max.
Power	82 kW cont. 98.4 kW max.	98 kW cont. 134.2 kW max.
Protection		IP23
Insulation		Class H
Voltage accuracy		± 0.5%
Radio interference		Deleted
Lenght		1892 mm [74.5 in]
Width		702 mm [27.6 in]
Height		1106 mm [43.5 in]
Dry weight		1273 kg [2806.5 lbs]

Engine base	John Deere
Cooling system	Seawater pump with rubber impeller
Closed cooling	Heat exchanger
Cylinders	6 in line
Start (cold temperature)	Super Glow System
Exhaust connexion (dry)	117.5 mm [4.6 in]
Fuel consumption at full load	9.0 l/h [2.38 gal US/h]
Sea water pump connexion	50 mm [2 in]
Fuel pump - Max suction height	std pump : 0.5 m [19.7 in] with add. pump : 1.8 m [70.9 in]
Engine operating angle	15° cont. 30° max.
Fuel connexion	10 mm [0.4 in]

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ENERGY IN BLUE

QLS102T

98.4 kW max. at 1500 rpm
134.2 kW max. at 1800 rpm

TECHNICAL DESCRIPTION

ENGINE BASE

- 4 strokes Diesel engine tested in all marine or industrial applications throughout the world.
- Replaceable wet-type cylinder liners giving an excellent heat dissipation for long life.
- Internal balancer.

INJECTION AND COMBUSTION SYSTEM

- Proven and reliable Mechanical Governor
- High torque and low rated rpm
- Electronically controlled rotary fuel injection pump with variable timing resulting in excellent fuel economy and excellent performance
- Self diagnostics and protection

COOLING SYSTEM

- Cooling is ensured by heat exchange between coolant and seawater in an heat exchanger, or via a Keel Cooling system.
- Reduced external connections eliminates hoses and fittings that can leak or break.
- Cooler and quieter environment for vessel and crew.
- Seawater pump with rubber impeller.

GENERATOR

- 50 Hz : delivering a continuous power of 82 kW and able to provide up to 98.4 kW
- 60 Hz : delivering a continuous power of 98 kW and able to provide up to 134.2 kW
- IP23 protection

STANDARD EQUIPMENT

- Closed cooling with heat exchanger
- Water-cooled manifold
- 24V Two-pole electrical system
- Baseframe
- Flexible mountings (dampers)
- Oil drain pump mounted on the engine
- Luxe GE panel

OPTIONAL EQUIPMENT

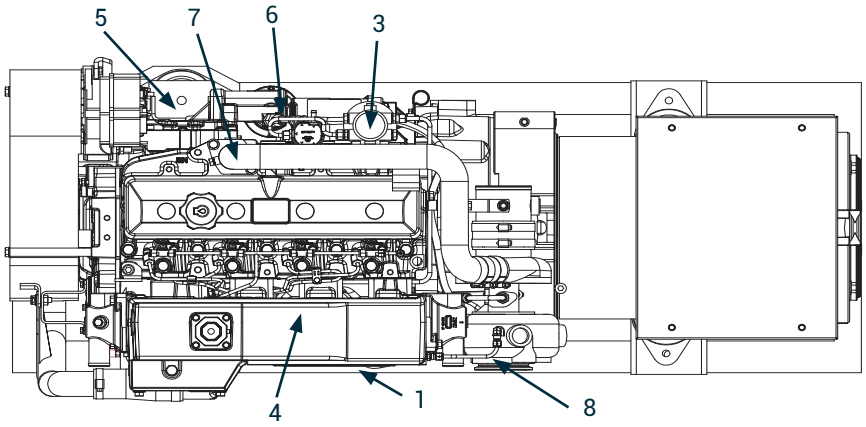
- Seawater hoses
- Seawater filter
- Siphon breaker
- Fuel feed system piping
- Leakproof injection piping
- Exhaust system
- Fuel prefilter
- Keel Cooling version
- Dry exhaust
- Engine heater
- Exhaust compensator
- Heating elements in generator
- Generator prepared parallel installation

INSTRUMENT PANEL

LUXE GE

- Start and stop buttons
- Low oil pressure warning light
- Coolant temperature warning light
- Preheat warning light
- Battery charge warning light
- Oil pressure indicator
- Coolant temperature indicator

MAIN COMPONENTS



1. Oil drain pump
2. Fuel feed pump
3. Fuel filter
4. Heat exchanger
5. Seawater pump
6. Oil filter
7. Oil filter port
8. Exhaust elbow

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