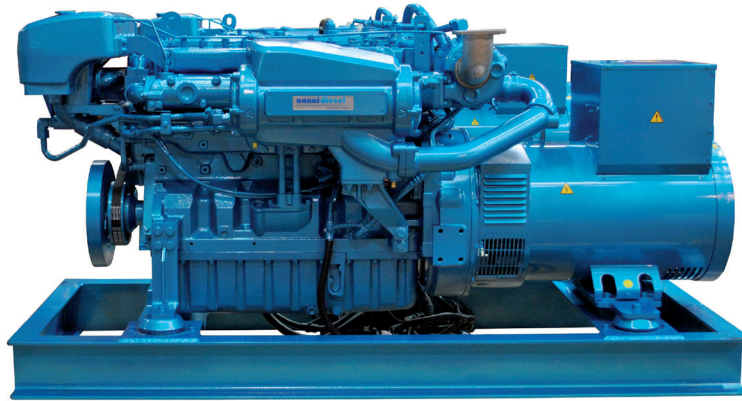


# QLS102T

## SPECIFICATIONS



Frequency	50 Hz	60 Hz	Engine base	John Deere
Voltage	400 V	480 V	Cooling system	Seawater pump with rubber impeller
Amperes	136 A cont. 163 A max.	135 A cont. 162 A max.	Closed cooling	Heat exchanger
Power	82 kW cont. 98.4 kW max.	98 kW cont. 134.2 kW max.	Cylinders	6 in line
Protection		IP23	Start (cold temperature)	Super Glow System
Insulation		Class H	Exhaust connexion (dry)	117.5 mm [4.6 in]
Voltage accuracy		± 0.5%	Fuel consumption at full load	9.0 l/h [2.38 gal US/h]
Radio interference		Deleted	Sea water pump connexion	50 mm [2 in]
Lenght	1892 mm [74.5 in]		Fuel pump - Max suction height	std pump : 0.5 m [19.7 in] with add. pump : 1.8 m [70.9 in]
Width	702 mm [27.6 in]		Engine operating angle	15° cont. 30° max.
Height	1106 mm [43.5 in]		Fuel connexion	10 mm [0.4 in]
Dry weight	1273 kg [2806.5 lbs]			

# 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

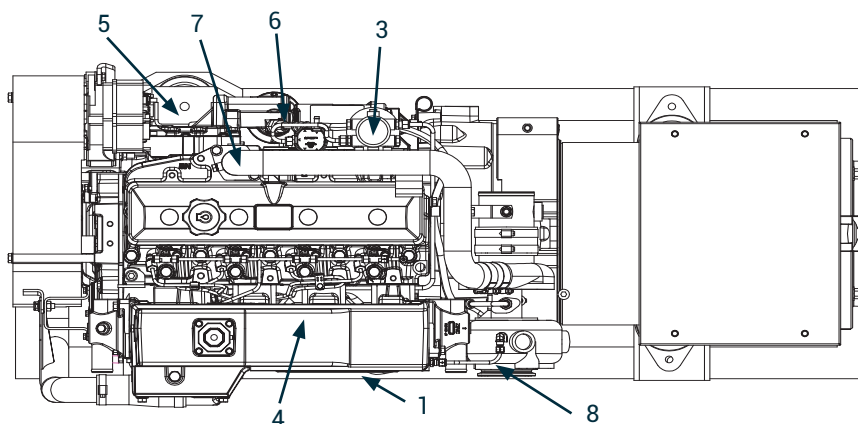
## INSTRUMENT PANEL

### 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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