QLS10T

SPECIFICATIONS

Frequency	50 Hz
Voltage	400 V
Amperes	12.6 A cont. 14.3 A max.
Power	7.0 kW cont. 7.9 kW max.
Protection	IP23
Insulation	Class H
Voltage accuracy	± 1.5%
Radio interference	Deleted
Lenght	959 mm [36.8 in]
Width	489 mm [19.3 in]
Height	624 mm [24.6 in]
Dry weight	251 kg [553.4 lbs]

Engine base	Kubota
Cooling system	Seawater pump with rubber impeller
Closed cooling	Heat exchanger
Cylinders	3 in line
Start (cold temperature)	Super Glow System
Exhaust connexion	50 mm [2 in]
Fuel consumption at full load	2.3 l/h [0.61 gal US/h]
Sea water pump connexion	25 mm [1 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	8 mm [0.3 in]
Class approval	Bureau Veritas

MEREX

QLS10T
7.9 KW MAX AT 1500 RPM

TECHNICAL DESCRIPTION

ENGINE BASE
- 4 strokes Diesel engine tested in all marine or industrial applications throughout the world.
- Engine block in cast iron type tunnel and timing gear.

INJECTION AND COMBUSTION SYSTEM
- The Super Glow System comes as standard equipment to start the engine in cold temperatures.
- The E-TVCS injection system produces an ideal air/fuel mixture by creating three vortexes in the combustion chamber. The combustion efficiency is improved, resulting in low fuel consumption.

COOLING SYSTEM
- Cooling is ensured by heat exchange between coolant and seawater in an heat exchanger, or via a Keel Cooling system.
- Seawater pump with rubber impeller.

GENERATOR
- Delivering a continuous power of 7.0 kW and able to provide up to 7.9 kW
- IP23 protection

STANDARD EQUIPMENT
- Extension delivered by meter
- Closed cooling with heat exchanger
- Wet exhaust
- 12V Single-pole electrical system
- Safety shutdowns on low oil pressure and high coolant temperature
- Eco GE panel
- Rubber mounts
- Oil drain pump mounted on the engine

OPTIONAL EQUIPMENT
- Seawater hoses
- Seawater filter
- Siphon breaker
- Fuel feed system piping
- Exhaust system
- Fuel prefilter
- Keel Cooling
- Vertical dry exhaust
- 12V Double-pole electrical system
- Luxe GE panel (instead of Eco GE panel)
- Additional electric fuel feed pump

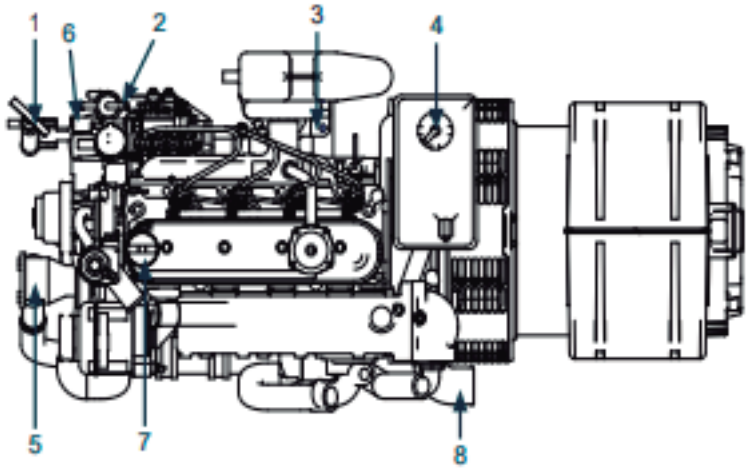
INSTRUMENT PANEL

ECO GE **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 *

*Only with Luxe GE

MAIN COMPONENTS



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

QLS12T60

SPECIFICATIONS

Frequency	60 Hz
Voltage	208 V
Amperes	24.2 A cont. 27.5 A max.
Power	8.7 kW cont. 9.9 kW max.
Protection	IP23
Insulation	Class H
Voltage accuracy	± 1.5%
Radio interference	Deleted
Lenght	959 mm [36.8 in]
Width	489 mm [19.3 in]
Height	624 mm [24.6 in]
Dry weight	258 kg [568.8 lbs]

Engine base	Kubota
Cooling system	Seawater pump with rubber impeller
Closed cooling	Heat exchanger
Cylinders	3 in line
Start (cold temperature)	Super Glow System
Exhaust connexion	50 mm [2 in]
Fuel consumption at full load	2.8 l/h [0.74 gal US/h]
Sea water pump connexion	25 mm [1 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	8 mm [0.3 in]
Class approval	Bureau Veritas

MEREX

QLS12T60
9.9 KW MAX. AT 1800 RPM

TECHNICAL DESCRIPTION

ENGINE BASE
- 4 strokes Diesel engine tested in all marine or industrial applications throughout the world.
- Engine block in cast iron type tunnel and timing gear.

INJECTION AND COMBUSTION SYSTEM
- The Super Glow System comes as standard equipment to start the engine in cold temperatures.
- The E-TVCS injection system produces an ideal air/fuel mixture by creating three vortexes in the combustion chamber. The combustion efficiency is improved, resulting in low fuel consumption.

COOLING SYSTEM
- Cooling is ensured by heat exchange between coolant and seawater in an heat exchanger, or via a Keel Cooling system.
- Seawater pump with rubber impeller.

GENERATOR
- Delivering a continuous power of 8.7 kW and able to provide up to 9.9 kW
- IP23 protection

STANDARD EQUIPMENT
- Extension delivered by meter
- Closed cooling with heat exchanger
- Wet exhaust
- 12V Single-pole electrical system
- Safety shutdowns on low oil pressure and high coolant temperature
- Eco GE panel
- Rubber mounts
- Oil drain pump mounted on the engine

OPTIONAL EQUIPMENT
- Seawater hoses
- Seawater filter
- Siphon breaker
- Fuel feed system piping
- Exhaust system
- Fuel prefilter
- Keel Cooling
- Vertical dry exhaust
- 12V Double-pole electrical system
- Luxe GE panel (instead of Eco GE panel)
- Additional electric fuel feed pump

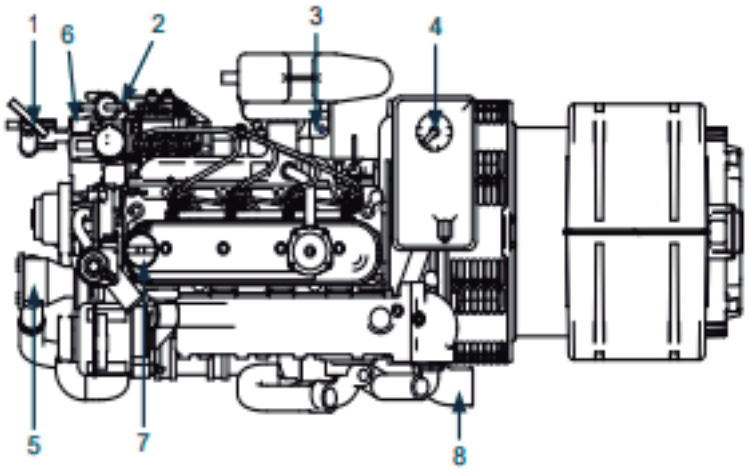
INSTRUMENT PANEL

ECO GE **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 *

*Only with Luxe GE

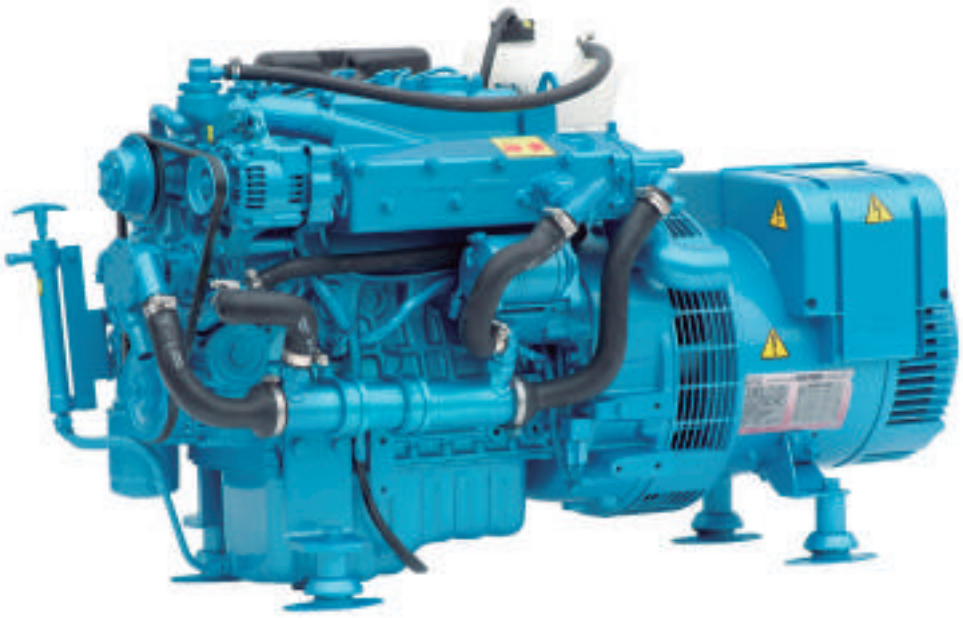
MAIN COMPONENTS



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

QLS13T

SPECIFICATIONS



Frequency	50 Hz
Voltage	400 V
Amperes	17.1 A cont. 19.3 A max.
Power	9.5 kW cont. 10.7 kW max.
Protection	IP23
Insulation	Class H
Voltage accuracy	± 5%
Radio interference	Deleted
Lenght	1081 mm [42.6 in]
Width	486 mm [19.1 in]
Height	620 mm [24.4 in]
Dry weight	264 kg [582.0 lbs]

Engine base	Kubota
Cooling system	Seawater pump with rubber impeller
Closed cooling	Heat exchanger
Cylinders	4 in line
Start (cold temperature)	Super Glow System
Exhaust connexion	50 mm [2 in]
Fuel consumption at full load	3.3 l/h [0.87 gal US/h]
Sea water pump connexion	25 mm [1 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	8 mm [0.3 in]
Class approval	Bureau Veritas

MEREX

QLS13T
10.7 KW MAX. AT 1500 RPM

TECHNICAL DESCRIPTION

ENGINE BASE
- 4 strokes Diesel engine tested in all marine or industrial applications throughout the world.
- Engine block in cast iron type tunnel and timing gear.

INJECTION AND COMBUSTION SYSTEM
- The Super Glow System comes as standard equipment to start the engine in cold temperatures.
- The E-TVCS injection system produces an ideal air/fuel mixture by creating three vortexes in the combustion chamber. The combustion efficiency is improved, resulting in low fuel consumption.

COOLING SYSTEM
- Cooling is ensured by heat exchange between coolant and seawater in an heat exchanger, or via a Keel Cooling system.
- Seawater pump with rubber impeller.

GENERATOR
- Delivering a continuous power of 9.5 kW and able to provide up to 10.7 kW
- IP23 protection

STANDARD EQUIPMENT
- Extension delivered by meter
- Closed cooling with heat exchanger
- Wet exhaust
- 12V Single-pole electrical system
- Safety shutdowns on low oil pressure and high coolant temperature
- Eco GE panel
- Rubber mounts
- Oil drain pump mounted on the engine

OPTIONAL EQUIPMENT
- Seawater hoses
- Seawater filter
- Siphon breaker
- Fuel feed system piping
- Exhaust system
- Fuel prefilter
- Keel Cooling
- Vertical dry exhaust
- 12V Double-pole electrical system
- Luxe GE panel (instead of Eco GE panel)
- Additional electric fuel feed pump

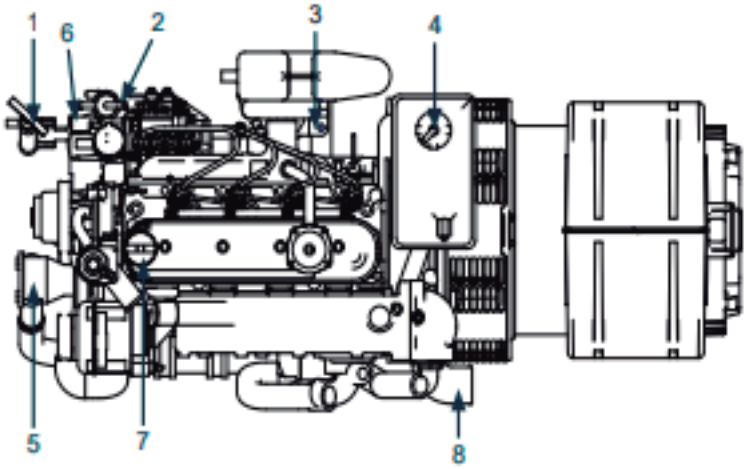
INSTRUMENT PANEL

ECO GE **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 *

*Only with Luxe GE

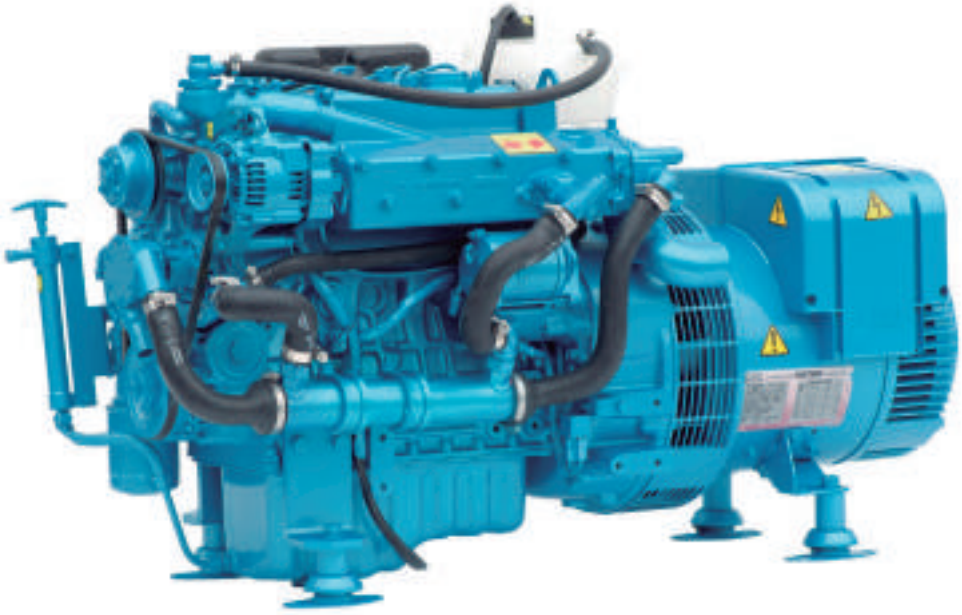
MAIN COMPONENTS



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

QLS16T60

SPECIFICATIONS



Frequency	60 Hz
Voltage	208 V
Amperes	32.4 A cont. 36.4 A max.
Power	11.7 kW cont. 13.1 kW max.
Protection	IP23
Insulation	Class H
Voltage accuracy	± 5%
Radio interference	Deleted
Lenght	1081 mm [42.6 in]
Width	486 mm [19.1 in]
Height	624 mm [24.6 in]
Dry weight	269 kg [593.0 lbs]

Engine base	Kubota
Cooling system	Seawater pump with rubber impeller
Closed cooling	Heat exchanger
Cylinders	4 in line
Start (cold temperature)	Super Glow System
Exhaust connexion	50 mm [2 in]
Fuel consumption at full load	4.0 l/h [1.06 gal US/h]
Sea water pump connexion	25 mm [1 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	8 mm [0.3 in]
Class approval	Bureau Veritas

QLS16T60
13.1 KW MAX. AT 1800 RPM

TECHNICAL DESCRIPTION

ENGINE BASE
- 4 strokes Diesel engine tested in all marine or industrial applications throughout the world.
- Engine block in cast iron type tunnel and timing gear.

INJECTION AND COMBUSTION SYSTEM
- The Super Glow System comes as standard equipment to start the engine in cold temperatures.
- The E-TVCS injection system produces an ideal air/fuel mixture by creating three vortexes in the combustion chamber. The combustion efficiency is improved, resulting in low fuel consumption.

COOLING SYSTEM
- Cooling is ensured by heat exchange between coolant and seawater in an heat exchanger, or via a Keel Cooling system.
- Seawater pump with rubber impeller.

GENERATOR
- Delivering a continuous power of 11.7 kW and able to provide up to 13.1 kW
- IP23 protection

STANDARD EQUIPMENT
- Extension delivered by meter
- Closed cooling with heat exchanger
- Wet exhaust
- 12V Single-pole electrical system
- Safety shutdowns on low oil pressure and high coolant temperature
- Eco GE panel
- Rubber mounts
- Oil drain pump mounted on the engine

OPTIONAL EQUIPMENT
- Seawater hoses
- Seawater filter
- Siphon breaker
- Fuel feed system piping
- Exhaust system
- Fuel prefilter
- Keel Cooling
- Vertical dry exhaust
- 12V Double-pole electrical system
- Luxe GE panel (instead of Eco GE panel)
- Additional electric fuel feed pump

INSTRUMENT PANEL

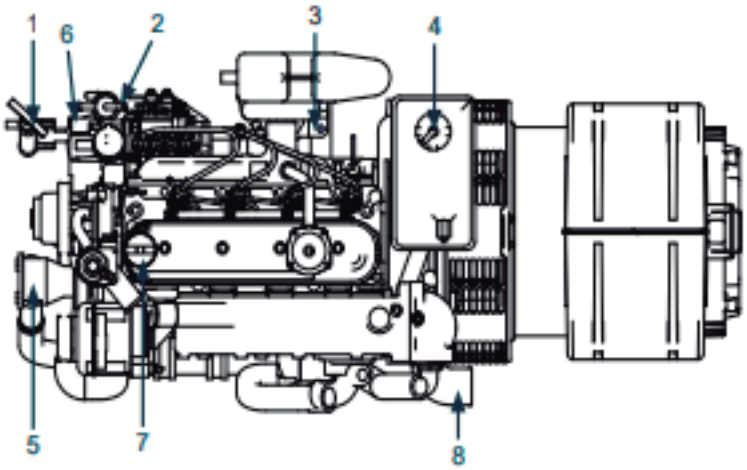
ECO GE

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 *

*Only with Luxe GE

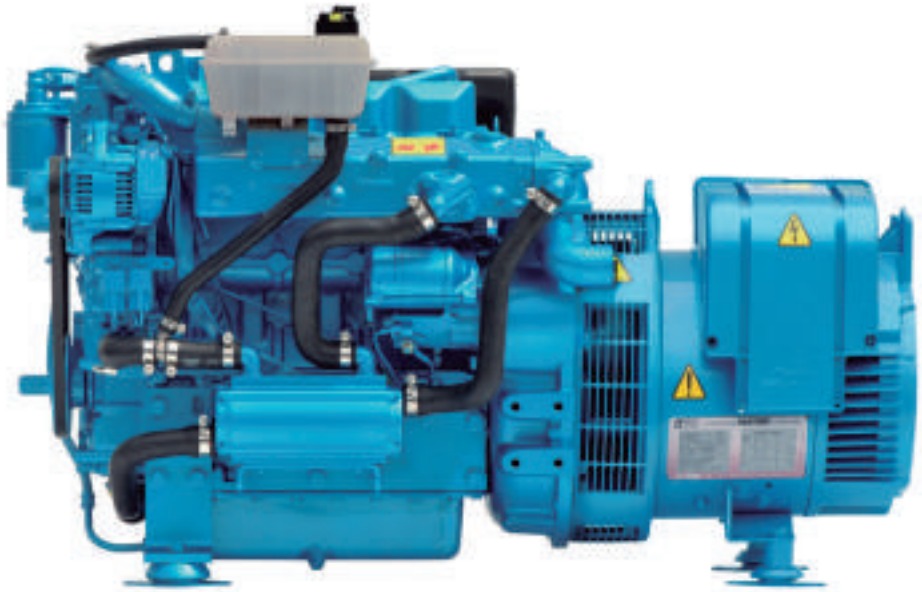
MAIN COMPONENTS



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

QLS22T

SPECIFICATIONS



Frequency	50 Hz
Voltage	400 V
Amperes	27.2 A cont. 31.9 A max.
Power	15.1 kW cont. 17.7 kW max.
Protection	IP23
Insulation	Class H
Voltage accuracy	± 0.5%
Radio interference	Deleted
Lenght	1183 mm [46.6 in]
Width	548 mm [24.6 in]
Height	692 mm [27.2 in]
Dry weight	360 kg [793.7 lbs]

Engine base	Kubota
Cooling system	Seawater pump with rubber impeller
Closed cooling	Heat exchanger
Cylinders	4 in line
Start (cold temperature)	Super Glow System
Exhaust connexion	50 mm [2 in]
Fuel consumption at full load	4.8 l/h [1.27 gal US/h]
Sea water pump connexion	25 mm [1 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	8 mm [0.3 in]
Class approval	Bureau Veritas

MEREX

QLS22T
17.7 KW MAX. AT 1500 RPM

TECHNICAL DESCRIPTION

ENGINE BASE
- 4 strokes Diesel engine tested in all marine or industrial applications throughout the world.
- Engine block in cast iron type tunnel and timing gear.

INJECTION AND COMBUSTION SYSTEM
- The Super Glow System comes as standard equipment to start the engine in cold temperatures.
- The E-TVCS injection system produces an ideal air/fuel mixture by creating three vortexes in the combustion chamber. The combustion efficiency is improved, resulting in low fuel consumption.

COOLING SYSTEM
- Cooling is ensured by heat exchange between coolant and seawater in an heat exchanger, or via a Keel Cooling system.
- Seawater pump with rubber impeller.

GENERATOR
- Delivering a continuous power of 15.1 kW and able to provide up to 17.7 kW
- IP23 protection

STANDARD EQUIPMENT
- Extension delivered by meter
- Closed cooling with heat exchanger
- Wet exhaust
- 12V Single-pole electrical system
- Safety shutdowns on low oil pressure and high coolant temperature
- Eco GE panel
- Rubber mounts
- Oil drain pump mounted on the engine

OPTIONAL EQUIPMENT
- Seawater hoses
- Seawater filter
- Siphon breaker
- Fuel feed system piping
- Exhaust system
- Fuel prefilter
- Keel Cooling
- Vertical dry exhaust
- 12V Double-pole electrical system
- Luxe GE panel (instead of Eco GE panel)
- Additional electric fuel feed pump

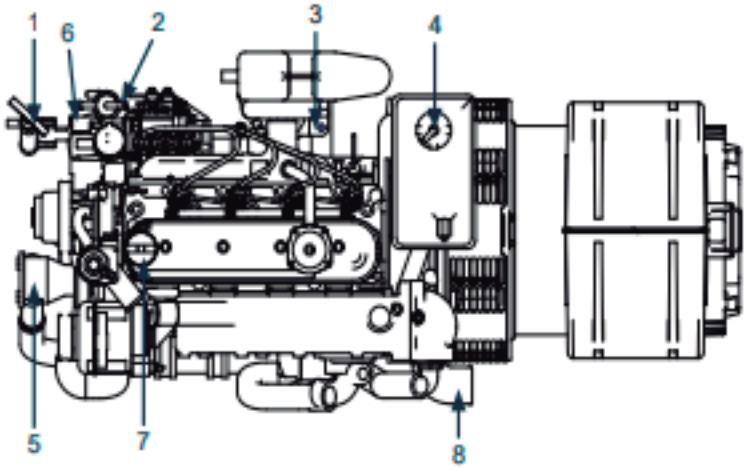
INSTRUMENT PANEL

ECO GE **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 *

*Only with Luxe GE

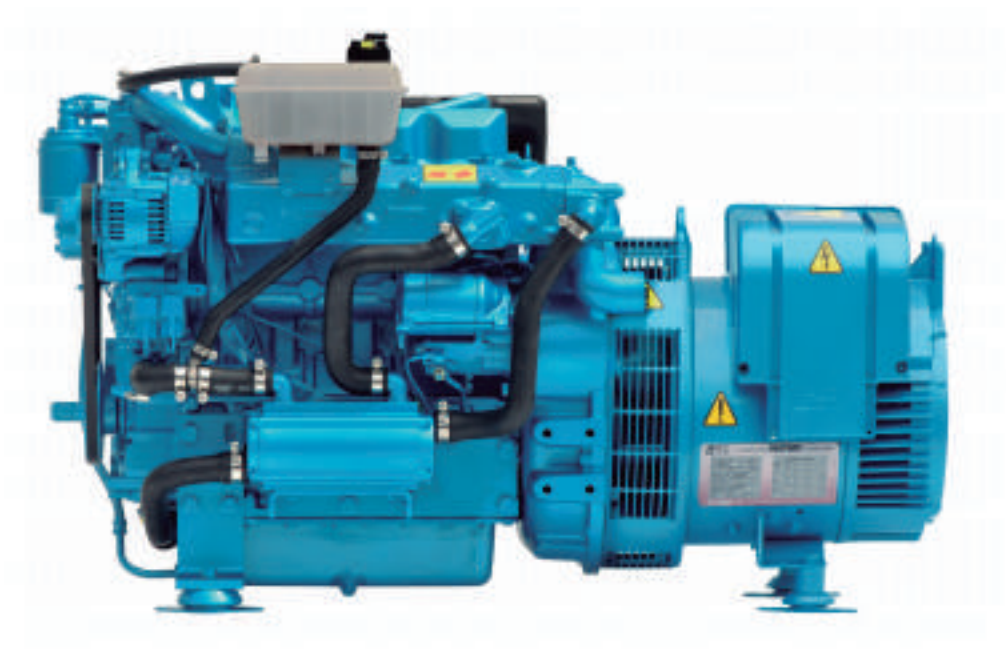
MAIN COMPONENTS



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

QLS27T60

SPECIFICATIONS



Frequency	60 Hz
Voltage	120-240 V
Amperes	103.2 A (120 V) 51.6 A (240 V)
Prime power	21.4 kW
Protection	IP23
Insulation	Class H
Voltage accuracy	± 0.5%
Radio interference	Deleted
Lenght	1183 mm [46.6 in]
Width	548 mm [24.6 in]
Height	692 mm [27.2 in]
Dry weight	360 kg [793.7 lbs]

Engine base	Kubota
Cooling system	Seawater pump with rubber impeller
Closed cooling	Heat exchanger
Cylinders	4 in line
Start (cold temperature)	Super Glow System
Exhaust connexion	50 mm [2 in]
Fuel consumption at full load	4.8 l/h [1.27 gal US/h]
Sea water pump connexion	25 mm [1 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	8 mm [0.3 in]
Class approval	Bureau Veritas

MEREX

QLS27T60
21.4 KW MAX. AT 1800 RPM

TECHNICAL DESCRIPTION

ENGINE BASE
- 4 strokes Diesel engine tested in all marine or industrial applications throughout the world.
- Engine block in cast iron type tunnel and timing gear.

INJECTION AND COMBUSTION SYSTEM
- The Super Glow System comes as standard equipment to start the engine in cold temperatures.
- The E-TVCS injection system produces an ideal air/fuel mixture by creating three vortexes in the combustion chamber. The combustion efficiency is improved, resulting in low fuel consumption.

COOLING SYSTEM
- Cooling is ensured by heat exchange between coolant and seawater in an heat exchanger, or via a Keel Cooling system.
- Seawater pump with rubber impeller.

GENERATOR
- Delivering a continuous power of 15.1 kW and able to provide up to 17.7 kW
- IP23 protection

STANDARD EQUIPMENT
- Extension delivered by meter
- Closed cooling with heat exchanger
- Wet exhaust
- 12V Single-pole electrical system
- Safety shutdowns on low oil pressure and high coolant temperature
- Eco GE panel
- Rubber mounts
- Oil drain pump mounted on the engine

OPTIONAL EQUIPMENT
- Seawater hoses
- Seawater filter
- Siphon breaker
- Fuel feed system piping
- Exhaust system
- Fuel prefilter
- Keel Cooling
- Vertical dry exhaust
- 12V Double-pole electrical system
- Luxe GE panel (instead of Eco GE panel)
- Additional electric fuel feed pump

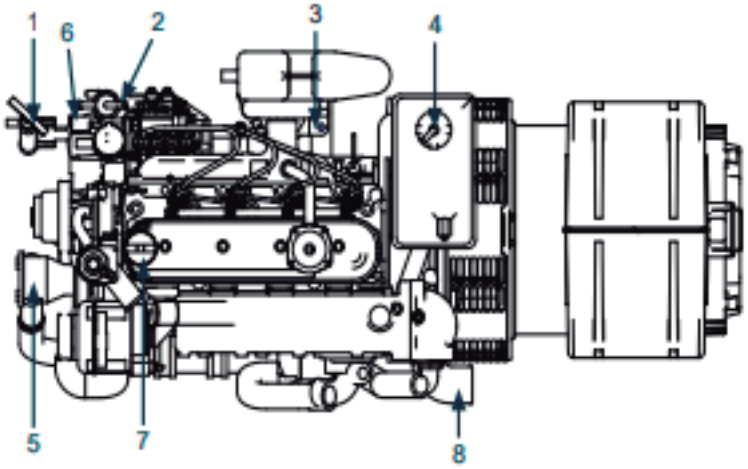
INSTRUMENT PANEL

ECO GE **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 *

*Only with Luxe GE

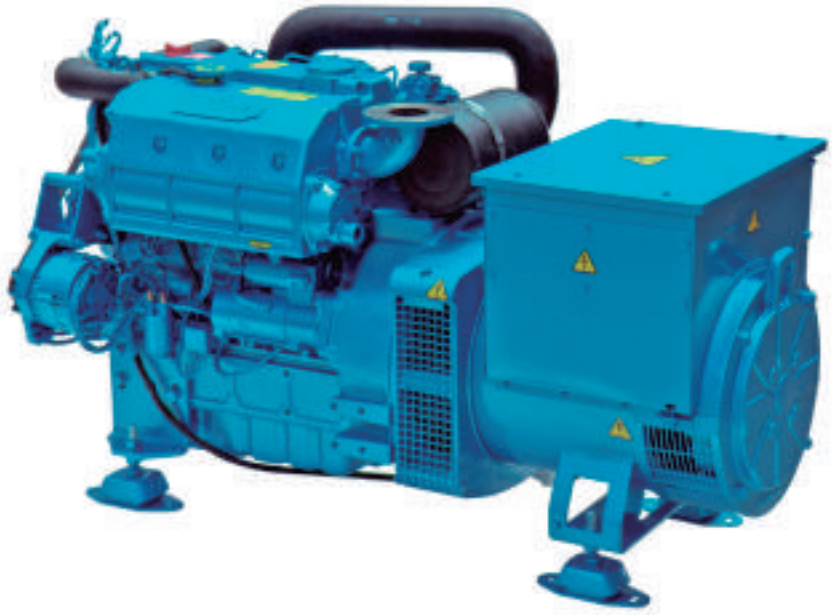
MAIN COMPONENTS



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

QLS32T

SPECIFICATIONS



Frequency	50 Hz
Voltage	400 V
Amperes	42.2 A cont. 46.4 A max.
Power	23.4 kW cont. 25.7 kW max.
Protection	IP23
Insulation	Class H
Voltage accuracy	± 1.5%
Radio interference	Deleted
Lenght	1304 mm [51.3 in]
Width	636 mm [25.0 in]
Height	814 mm [32.0 in]
Dry weight	550 kg [1212.5 lbs]

Engine base	Kubota
Cooling system	Seawater pump with rubber impeller
Closed cooling	Heat exchanger
Cylinders	4 in line
Start (cold temperature)	Super Glow System
Exhaust connexion	60 mm [2.4 in]
Fuel consumption at full load	8.2 l/h [2.17 gal US/h]
Sea water pump connexion	32 mm [1.3 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	8 mm [0.3 in]
Class approval	Bureau Veritas

QLS32T
25.7 KW MAX. AT 1500 RPM

TECHNICAL DESCRIPTION

ENGINE BASE
- 4 strokes Diesel engine tested in all marine or industrial applications throughout the world.
- Engine block in cast iron type tunnel and timing gear.

INJECTION AND COMBUSTION SYSTEM
- The Super Glow System comes as standard equipment to start the engine in cold temperatures.
- The E-TVCS injection system produces an ideal air/fuel mixture by creating three vortexes in the combustion chamber. The combustion efficiency is improved, resulting in low fuel consumption.

COOLING SYSTEM
- Cooling is ensured by heat exchange between coolant and seawater in an heat exchanger, or via a Keel Cooling system.
- Seawater pump with rubber impeller.

GENERATOR
- Delivering a continuous power of 23.4 kW and able to provide up to 25.7 kW
- IP23 protection

STANDARD EQUIPMENT
- Extension delivered by meter
- Closed cooling with heat exchanger
- Wet exhaust
- 12V Single-pole electrical system
- Safety shutdowns on low oil pressure and high coolant temperature
- Eco GE panel
- Rubber mounts
- Oil drain pump mounted on the engine

OPTIONAL EQUIPMENT
- Seawater hoses
- Seawater filter
- Siphon breaker
- Fuel feed system piping
- Exhaust system
- Fuel prefilter
- Keel Cooling
- Vertical dry exhaust
- 12V Double-pole electrical system
- Luxe GE panel (instead of Eco GE panel)
- Additional electric fuel feed pump

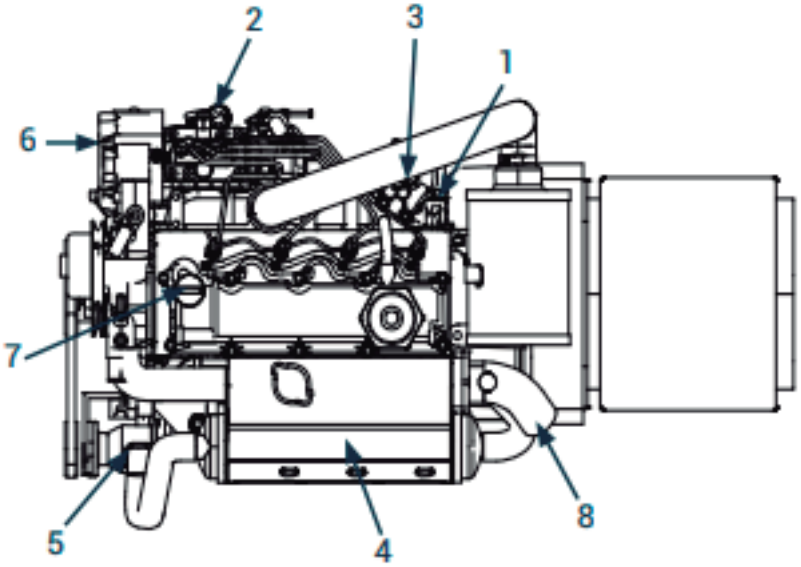
INSTRUMENT PANEL

ECO GE **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 *

*Only with Luxe GE

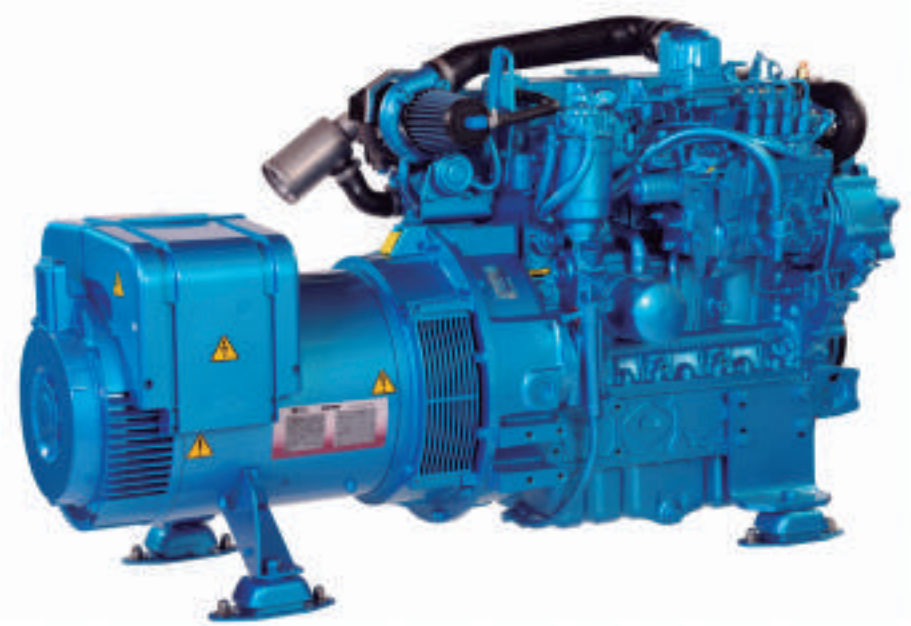
MAIN COMPONENTS



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

QLS38M

SPECIFICATIONS



Frequency	50 Hz
Voltage	230 V
Amperes	165.0 A cont. 179.3 A max.
Power	34.5 kW cont. 37.5 kW max.
Protection	IP23
Insulation	Class H
Voltage accuracy	± 0.5%
Electromagnetic compatibility	EMC 2014/30/EU
Lenght	1361 mm [53.6 in]
Width	636 mm [25.0 in]
Height	792 mm [31.2 in]
Dry weight	571 kg [1258.8 lbs]

Engine base	Kubota
Cooling system	Seawater pump with rubber impeller
Closed cooling	Heat exchanger
Cylinders	4 in line
Start (cold temperature)	Super Glow System
Exhaust connexion	60 mm [2.4 in]
Fuel consumption at full load	8.0 l/h [2.11 gal US/h]
Sea water pump connexion	32 mm [1.3 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	8 mm [0.3 in]
Class approval	Bureau Veritas (in Progress)

MEREX

QLS38M
37.5 KW MAX. AT 1500 RPM

TECHNICAL DESCRIPTION

ENGINE BASE
- 4 strokes Diesel engine tested in all marine or industrial applications throughout the world.
- Engine block in cast iron type tunnel and timing gear.

INJECTION AND COMBUSTION SYSTEM
- The Super Glow System comes as standard equipment to start the engine in cold temperatures.
- The E-CIDS injection system produces an ideal air/fuel mixture by creating three vortexes in the combustion chamber. The combustion efficiency is improved, resulting in low fuel consumption.

COOLING SYSTEM
- Cooling is ensured by heat exchange between coolant and seawater in an heat exchanger, or via a Keel Cooling system.
- Seawater pump with rubber impeller.

GENERATOR
- Delivering a continuous power of 34.5 kW and able to provide up to 37.5 kW
- IP23 protection

STANDARD EQUIPMENT
- Extension delivered by meter
- Closed cooling with heat exchanger
- Wet exhaust
- 12V Single-pole electrical system
- Safety shutdowns on low oil pressure and high coolant temperature
- Luxe GE panel
- Rubber mounts
- Oil drain pump mounted on the engine

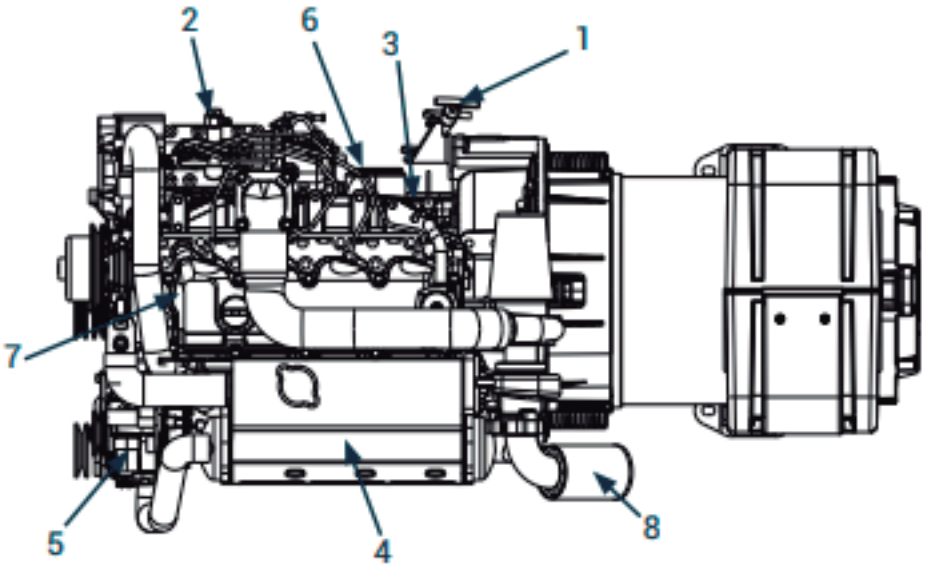
OPTIONAL EQUIPMENT
- Seawater hoses
- Seawater filter
- Siphon breaker
- Fuel feed system piping
- Exhaust system
- Fuel prefilter
- Keel Cooling
- Vertical dry exhaust
- 12V Double-pole electrical system
- Additional electric fuel feed pump

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

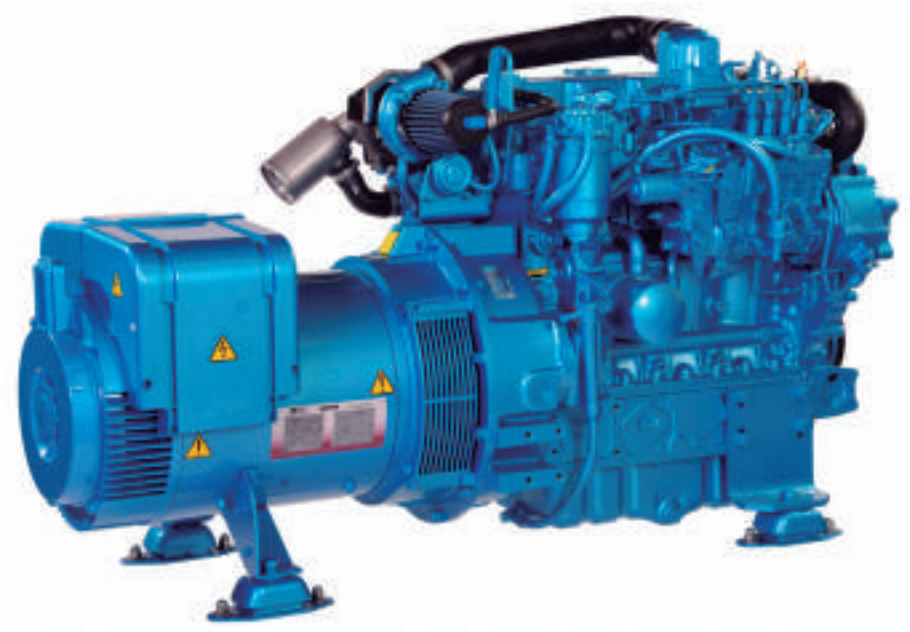
MAIN COMPONENTS



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

QLS47T

SPECIFICATIONS



Frequency	50 Hz
Voltage	400 V
Amperes	48.6 A cont. 53.6 A max.
Power	34.4 kW cont. 37.8 kW max.
Protection	IP23
Insulation	Class H
Voltage accuracy	± 1.5%
Electromagnetic compatibility	EMC 2014/30/EU
Lenght	1327 mm [52.2 in]
Width	636 mm [25.0 in]
Height	792 mm [31.2 in]
Dry weight	561 kg [1236.8 lbs]

Engine base	Kubota
Cooling system	Seawater pump with rubber impeller
Closed cooling	Heat exchanger
Cylinders	4 in line
Start (cold temperature)	Super Glow System
Exhaust connexion	60 mm [2.4 in]
Fuel consumption at full load	8.0 l/h [2.11 gal US/h]
Sea water pump connexion	32 mm [1.3 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	8 mm [0.3 in]
Class approval	Bureau Veritas

QLS47T
37.8 KW MAX. AT 1500 RPM

TECHNICAL DESCRIPTION

ENGINE BASE
- 4 strokes Diesel engine tested in all marine or industrial applications throughout the world.
- Engine block in cast iron type tunnel and timing gear.

INJECTION AND COMBUSTION SYSTEM
- The Super Glow System comes as standard equipment to start the engine in cold temperatures.
- The E-CIDS injection system produces an ideal air/fuel mixture by creating three vortexes in the combustion chamber. The combustion efficiency is improved, resulting in low fuel consumption.

COOLING SYSTEM
- Cooling is ensured by heat exchange between coolant and seawater in an heat exchanger, or via a Keel Cooling system.
- Seawater pump with rubber impeller.

GENERATOR
- Delivering a continuous power of 34.4 kW and able to provide up to 37.8 kW
- IP23 protection

STANDARD EQUIPMENT
- Extension delivered by meter
- Closed cooling with heat exchanger
- Wet exhaust
- 12V Single-pole electrical system
- Safety shutdowns on low oil pressure and high coolant temperature
- Luxe GE panel
- Rubber mounts
- Oil drain pump mounted on the engine

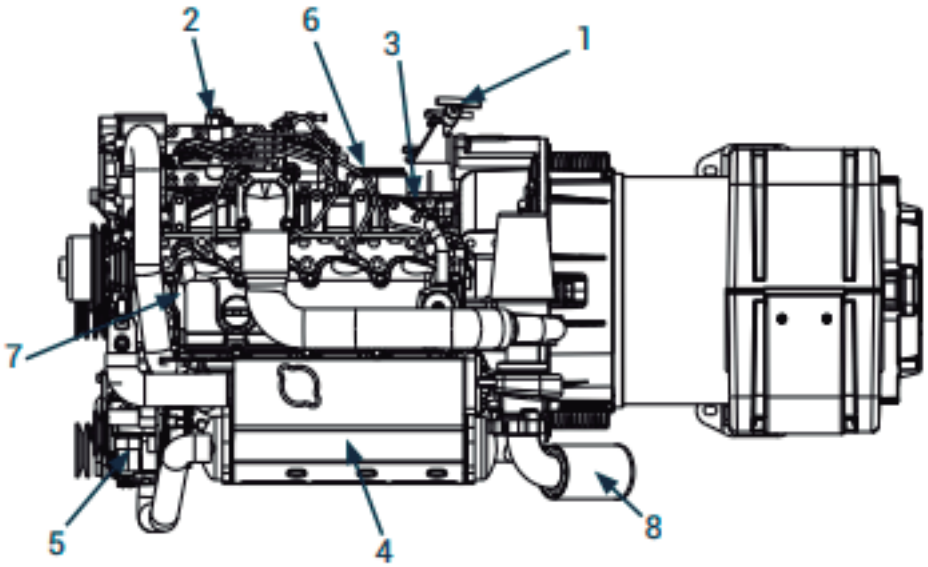
OPTIONAL EQUIPMENT
- Seawater hoses
- Seawater filter
- Siphon breaker
- Fuel feed system piping
- Exhaust system
- Fuel prefilter
- Keel Cooling
- Vertical dry exhaust
- 12V Double-pole electrical system
- Additional electric fuel feed pump

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

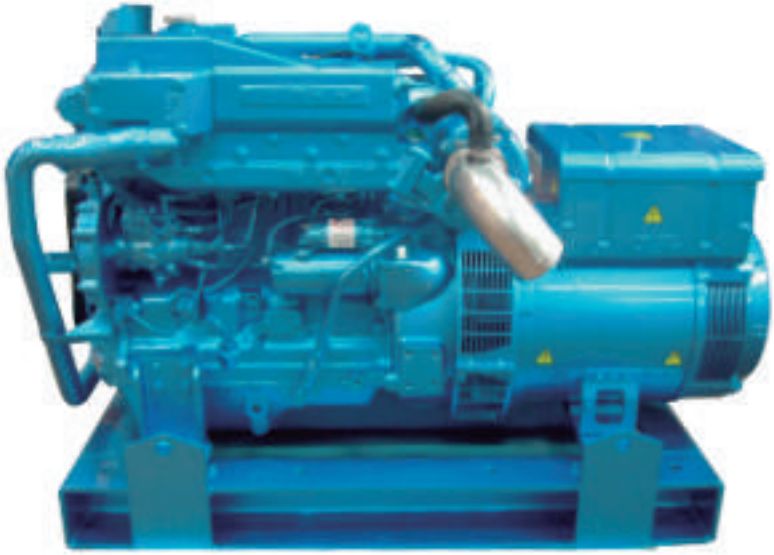
MAIN COMPONENTS



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

QLS65T

SPECIFICATIONS



Frequency	50 Hz
Voltage	400 V
Amperes	73 A cont. 81 A max.
Power	52 kW cont. 57.2 kW max.
Protection	IP23
Insulation	Class H
Voltage accuracy	± 0.5%
Electromagnetic compatibility	EMC 2014/30/EU
Lenght	1510 mm [59.4 in]
Width	822 mm [32.4 in]
Height	1050 mm [41.3 in]
Dry weight	852 kg [1878.3 lbs]

Engine base	John Deere
Cooling system	Seawater pump with rubber impeller
Closed cooling	Heat exchanger
Cylinders	4 in line
Start (cold temperature)	Super Glow System
Exhaust connexion	102 mm [4 in]
Fuel consumption at full load	14,4 l/h
Sea water pump connexion	32 mm [1.3 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]

QLS65T
57.2 KW MAX AT 1500 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
- Delivering a continuous power of 52 kW and able to provide up to 57.2 kW
- IP23 protection

STANDARD EQUIPMENT
- Extension delivered by meter
- Closed cooling with heat exchanger
- Wet exhaust
- 24V Single-pole electrical system
- Safety shutdowns on low oil pressure and high coolant temperature
- Luxe GE panel
- Rubber mounts
- Oil drain pump mounted on the engine

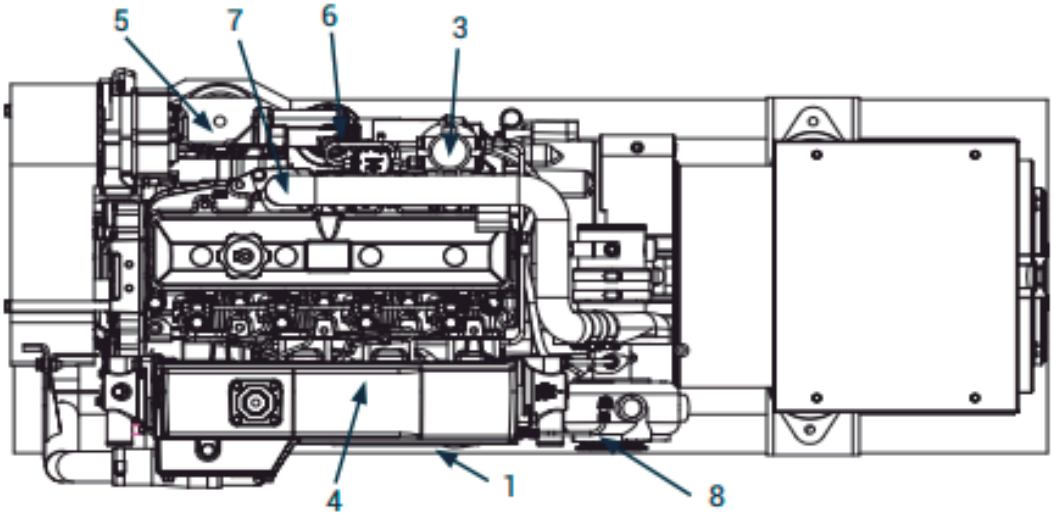
OPTIONAL EQUIPMENT
- Seawater hoses
- Seawater filter
- Siphon breaker
- Fuel feed system piping
- Exhaust system
- Fuel prefilter
- Keel Cooling
- Vertical dry exhaust
- 24V Double-pole electrical system
- Additional electric fuel feed pump

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

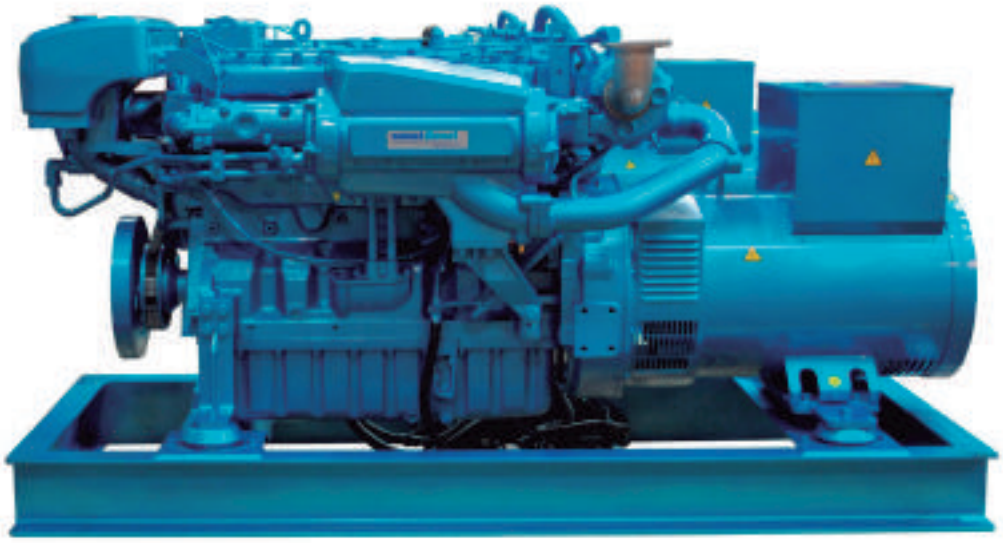
MAIN COMPONENTS



1. Oil drain pump
2. Fuel feed pump
3. Fuel filter
4. Expansion tank
5. Seawater pump
6. Oil filter
7. Air filter
8. Exhaust elbow

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]

MEREX

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

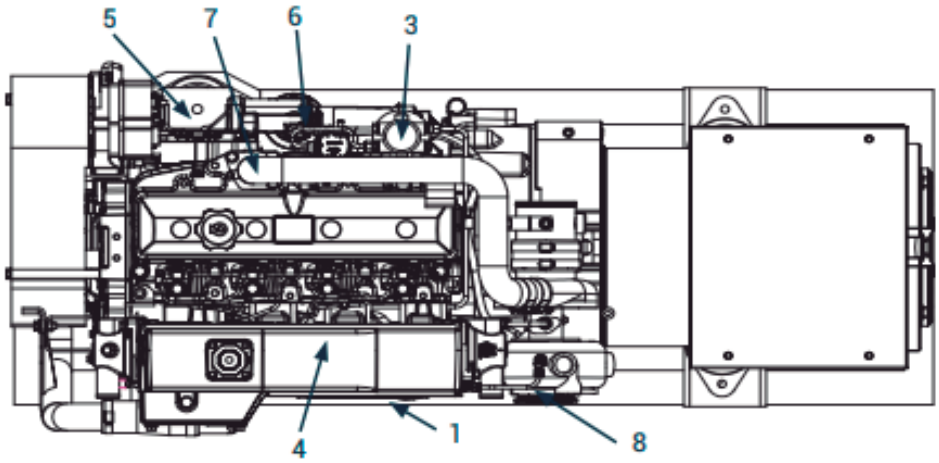
OPTIONAL EQUIPMENT
- Seawater hoses
- Seawater filter
- Siphon breaker
- Fuel feed system piping
- Leakproof injection piping
- Exhaust system
- Fuel prefilter
- Keel Cooling version
- Dry exhaust
- Engine heater
- Exhaust compensator
- Heating elements in generator
- Generator prepared parallel installation

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