

Nanni Generator Set

QLS44T

35 kW continuous at 1500 rpm

Engine base

John Deere base Diesel engine

- 4 stroke Diesel engine.
- 4 cylinders in line, 4.5 litres displacement.
- Proven and reliable Mechanical Governor.
- Replaceable wet-type cylinder liners giving an excellent heat dissipation for long life.

Watercooled Exhaust Manifold

- Reduced external connections eliminates hoses and fittings that can leak or break.
- Cooler and quieter environment for vessel and crew.

Heat exchanger

- High-capacity heat exchanger designed for reliable operation in adverse conditions.

Generator

Leroy Somer generator

- Model: LSAM 42.3 M8.
- Class H insulation.
- 50 or 60 Hz.
- Voltage regulation $\pm 0.5\%$.
- Radio interference suppression.
- Electronic regulator.
- Available both in 50Hz and 60 Hz version.
- IP23 protection (additional level available on demand).

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

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

Generator set ratings

Frequency (Hz)	Rated rpm (rpm)	Voltage (V)	Continuous Power *		Max Power *	
			kW	kVA	kW	kVA
50	1500	400	35	44	38.5	48.4
60	1800	380	30.3	37.9	41.2	51.5
60	1800	480	43	54	47.3	59.4

Tri-phased output with power factor $\cos \phi = 0.8$

*Continuous (COP) and max (PRP) power rating according to ISO 8528-1

Weight and dimensions

Weight with baseframe (kg)	693
Length (mm)	1474
Width (mm)	712
Height (mm)	1025

Generator set QLS44T

Engine specifications

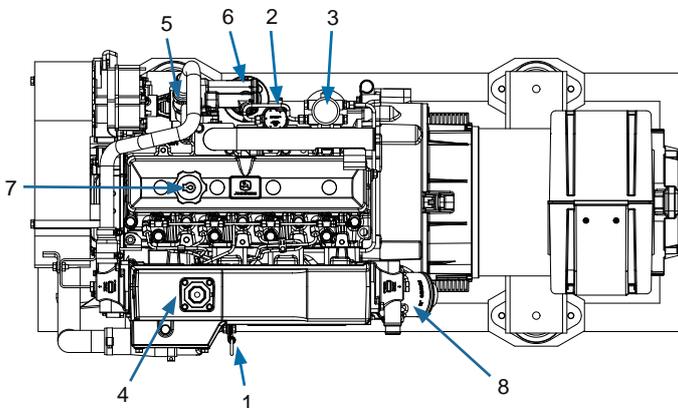
Engine base	John Deere
Cycle	4 stroke Diesel
Number of cylinders	4 in line
Displacement (l)	4.5
Bore and stroke (mm)	106 x 127
Compression ratio	17.2:1
Intake	Naturally aspirated

Instrument panel



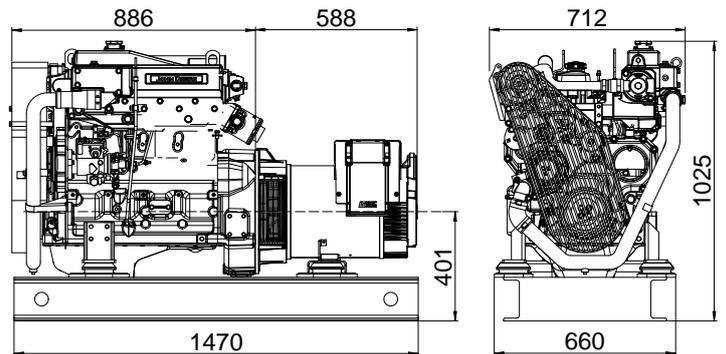
- Start and stop buttons
- Low oil pressure warning light
- Coolant temperature warning light
- Battery charge warning light
- Oil pressure indicator
- Coolant temperature indicator

Main components



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

Dimensions



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Certified



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