



WÄRTSILÄ 34SG-LPG ENGINE GENERATING SET

The Wärtsilä 34SG-LPG engine generating set is specifically designed to operate on propane gas fuel. It is based on proven Wärtsilä 34SG technology designed for natural gas operation, with more than 1200 units having been delivered during the past 20 years. The generating set is available in 12V, 16V and 20V cylinder configurations with the power output ranging from 4.2 to 7.4 MW.

Wärtsilä helps customers unlock the value of the energy transition by optimising their energy systems and future-proofing their assets. We offer flexible power plants, energy management systems, and storage, as well as engineering, procurement and construction (EPC) deliveries and full lifecycle support that ensure guaranteed performance.

Key features

- Runs on both propane and natural gas
- Has the flexibility to burn natural gas if it is available, and can switch fuels while operating
- Turbocharged gas engine technology offers the highest possible simple cycle efficiency
- High operational flexibility including fast starting and loading capabilities
- Optimised performance and efficiency supported by Wärtsilä Lifecycle solutions



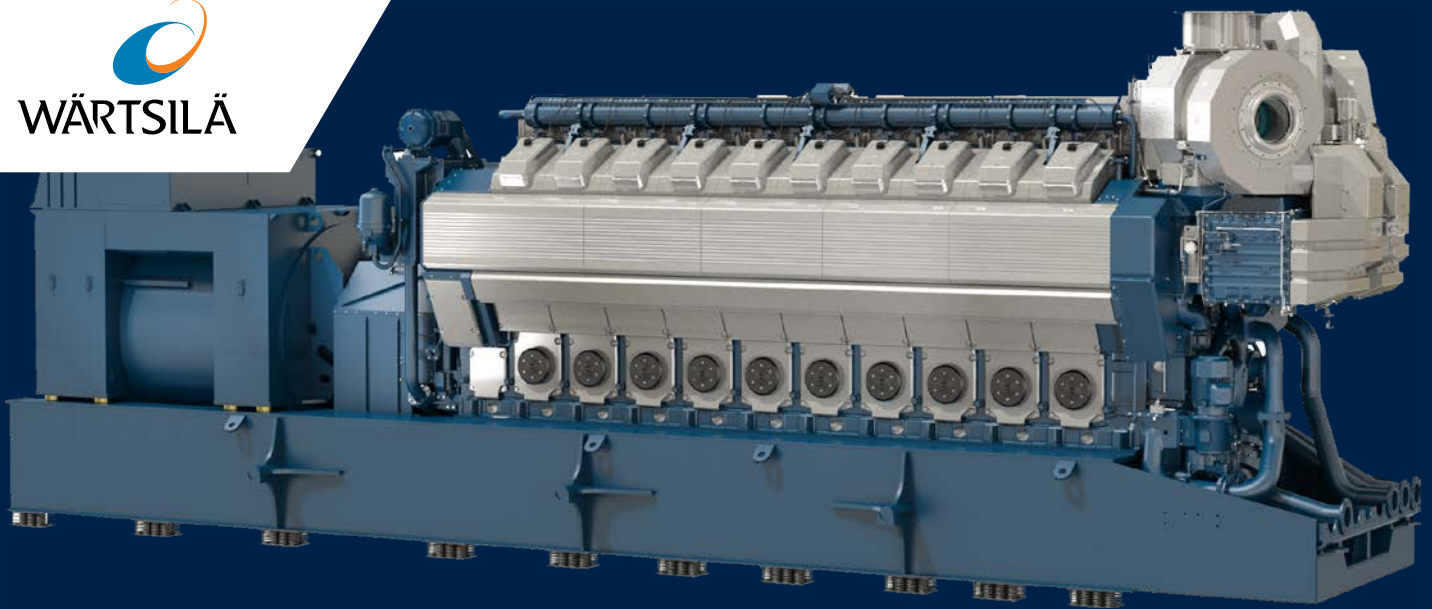
**FOR TRANSITION
BASELOAD AND
INDUSTRIAL
APPLICATIONS**



**OUTSTANDING SIMPLE
CYCLE EFFICIENCY
WITH PROPANE FUEL**



**RUNS ON BOTH
PROPANE AND
NATURAL GAS**



MAIN TECHNICAL DATA

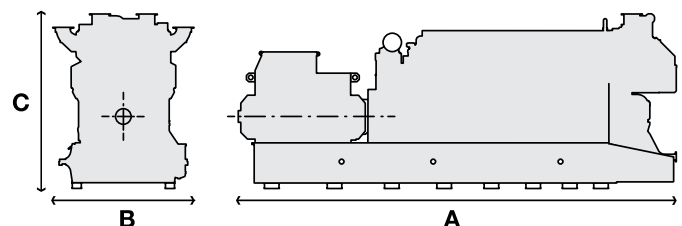
Engine generating set, 50 & 60 Hz	
Cylinder configurations	12V, 16V, 20V
Cylinder bore	340 mm
Piston stroke	400 mm
Engine speed	750 rpm (50 Hz), 720 rpm (60 Hz)
Mean piston speed	10 m/s (50 Hz), 9.6 m/s (60 Hz)

Rated electrical power (kW)

Genset type	50 Hz	60 Hz
12V34SG-LPG	4 380	4 185
16V34SG-LPG	5 873	5 618
20V34SG-LPG	7 346	7 041

Maximum transportation dimensions (mm) and weights (tonnes)¹

Genset type	Length (A)	Width (B)	Height (C)	Dry weight
12V34SG	10 454	3 350	4 511	102
16V34SG	11 456	3 350	4 511	125
20V34SG	13 142	3 350	4 573	136



¹ There are a number of dismantling options available for transporting the generator set. These include different options for reduced weight and height. Please contact Wärtsilä for further information.

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