

SPECIFICATIONS



3.3 MW 2023 Used Jenbacher JMS 620 GS-N,L Natural Gas Generator Set

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Description

This 2023-manufactured natural gas generator set is built around a 20-cylinder, V-configuration, turbocharged and intercooled four-stroke reciprocating gas engine from the 600-series large-bore engine platform. As one of the most powerful single-unit reciprocating gas gensets available on the market, this system is engineered for continuous, prime, and peak-shaving duty in the most demanding industrial, municipal, and commercial power generation environments.

Operating on pipeline-quality natural gas, this generator set delivers exceptional electrical efficiency — typically in the range of 46–48% at full load — placing it among the most thermally efficient reciprocating gas engines in its output class. Its large-bore, slow-speed design is optimized for longevity, reduced specific maintenance costs, and compatibility with combined heat and power (CHP) or trigeneration configurations, where waste heat recovery from the jacket water, lube oil, and exhaust streams can push total system efficiency above 90%

KEY FEATURES:

- Output: 3,300 kW (3.3 MW) at rated conditions
- Low NOx lean-burn combustion technology meeting stringent emissions regulations
- Designed for high-availability, continuous-duty baseload operation

ADVANTAGES

- Near-new 2023 vintage minimizes maintenance exposure and maximizes remaining service life
- Scalable for microgrid and campus-level distributed generation — units can be paralleled for multi-MW output
- Natural gas fuel offers significantly lower GHG emissions and operating costs versus liquid fuels

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Manufacturer	Jenbacher
Model	JMS 620 GS-N,L
Year	2023
Condition	Used
Location	Asia
Qty Available	2 Units
Category	Natural Gas Generators
Subcategory	1 – 9 MW
Stock Number	USP010971
Wattage	3.3 MW
Hours	2100; 2300 hours
Frequency	50 Hz
Fuel Type	Natural Gas
Voltage	11000 Volts
Balance of Plant Available? (BOP)	-

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