

SPECIFICATIONS



3.4 MW 2013 Used Jenbacher JMS620GS-S.L Natural Gas Generator Set

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Description

This natural gas generator set represents a proven, high-efficiency solution for continuous baseload power generation and combined heat and power (CHP) applications. Powered by a 20-cylinder, four-stroke lean-burn gas engine, this unit is engineered for reliable operation on pipeline natural gas, biogas, and associated petroleum gas (APG). With a 2013 manufacture date and documented operational history, this pre-owned generator set offers immediate deployment capability at a compelling value point compared to new equipment, making it ideal for cost-conscious industrial power projects requiring rapid commissioning.

Rated at 3,400 kW electrical output at 1,500 RPM (50 Hz) or 1,800 RPM (60 Hz), the unit delivers electrical efficiency of approximately 42-43% with total CHP efficiency exceeding 85% when heat recovery systems are deployed. Output voltage is configurable from 400V to 11kV through integrated step-up transformers. Exhaust gas temperatures of 450-480°C enable robust heat recovery for hot water, steam generation, or absorption chilling applications.

KEY FEATURES:

- 20-cylinder lean-burn gas engine with turbocharging and intercooling
- NO_x emissions compliance ≤500 mg/Nm³ (catalyst-ready for <100 mg/Nm³)
- Integrated synchronous generator with AVR and digital control panel

ADVANTAGES

- Lowest fuel cost per kWh among fossil fuel generation technologies
- Grid-support capable with fast load response and frequency regulation
- Dual-revenue streams: electricity + thermal energy recovery

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Manufacturer	Jenbacher
Model	JMS620 GS-S,L
Year	2013
Condition	Used
Location	Asia
Qty Available	4 Units
Category	Natural Gas Generators
Subcategory	1 – 9 MW
Stock Number	USP010202
Wattage	3.4 MW
Hours	8500 hours
Frequency	50 Hz
Fuel Type	Natural Gas
Voltage	11000 Volts
Balance of Plant Available? (BOP)	-

Quick Access:

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Product Subcategories: [Natural Gas Generators - 1 - 9 MW for sale at USP&E | Owners Engineering, EPC and O&M](#)

Solutions: [Industrial Generator Rental or Hire](#)

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Asset Photos

