

SPECIFICATIONS



1.5 MW 2022 Used MTU 12V4000 GS Natural Gas Generator Set

1.5 MW 2022 Used MTU 12V4000 GS Natural Gas Generator Set

Description

This 2022 used 1.5 MW (1,500 kW / approximately 1,521 kWe) MTU 12V4000 GS natural gas generator set represents a premium-grade power generation solution built on one of the most proven heavy-duty engine platforms available in the industry. Designed for continuous, prime, and standby power applications, this 12-cylinder, 90° V-configuration gas genset is engineered to deliver exceptional performance, fuel efficiency, and operational reliability across a wide range of industrial and commercial deployments.

With a 2022 model year, this unit benefits from modern combustion technology, low-hour runtime potential, and current-generation emissions compliance — making it a compelling asset for buyers seeking near-new capability at used-equipment value.

This class of natural gas generator set is well-suited for public buildings, residential utilities, industrial manufacturing operations, data centers, hospitals, and any facility requiring a continuous and sustainable power source. It is equally applicable to CHP (Combined Heat and Power) and CHPC (Combined Heat, Power, and Cooling) configurations, allowing facilities to maximize overall energy utilization from a single fuel input.

KEY FEATURES:

- Power Output: ~1,500 kW (1.5 MW) / 1,521 kWe
- NOx Emissions: <500 mg/m³ (dry, 5% O₂)
- Cylinder-specific knock detection for variable gas quality
- Electrical Efficiency: Up to 44.4%

ADVANTAGES

- CHP recovery pushes total system efficiency beyond 85%
- Meets current emissions standards without full aftertreatment
- Ideal for data centres, hospitals, industrial plants, and utilities

1.5 MW 2022 Used MTU 12V4000 GS Natural Gas Generator Set

Manufacturer	MTU
Model	12V4000 GS
Year	2022
Condition	Used
Location	Asia
Qty Available	2 Units
Category	Natural Gas Generators
Subcategory	1 – 9 MW
Stock Number	USP010983
Wattage	1.5 MW
Hours	18500; 1400
Frequency	50 Hz
Fuel Type	Natural Gas
Voltage	400 Volts
Balance of Plant Available? (BOP)	-

Quick Access:

Products: [USP&E | Owners Engineering, EPC and O&M Inventory by Category](#)

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

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

Services: [Power Plant EPC Contracts](#)

Asset Photos

