

Description

GE LM2500+G4 — 33 MW Natural-Gas Turbine Generator Package (NEW 2025)

Summary

Brand-new, zero-hour GE LM2500+G4 gas-turbine generator set available for sale. The package is fully factory-assembled and includes turbine, generator, auxiliaries, acoustic enclosure, digital control system, and emissions-controlled DLE combustion.

Key Specifications

Item	Value
ISO Power Output	32-33 MW Nanjing Generator for L...
Generator Voltage / Frequency	10.5 kV, 50 Hz Nanjing Generator for L...
Power Factor	0.8 (lag) Nanjing Generator for L...
Speed	3 000 rpm Nanjing Generator for L...
Fuel	Dry-Low-Emission Natural Gas ($\text{NO}_x \leq 50 \text{ mg/Nm}^3$ without water/steam) z ge LM2500+G4 scope
Ambient Range	-25 °C ... +55 °C, altitude $\leq 1\,000 \text{ m}$ Nanjing Generator for L...
Insulation Class	F / B Nanjing Generator for L...
Warranty	12 months
Price	\$32,000,000

Package Inclusions

LM2500+G4 twin-shaft gas turbine with variable-geometry compressor and six-stage power turbine.

10.5 kV, three-phase brushless-excited generator, ready for outdoor installation.

Weather-proof acoustic enclosure – 85 dB(A) at 1 m during full-load operation z ge LM2500+G4 scope.

Modular static air-inlet filtration (pre-filter & final filter) with divided flow for combustion and enclosure ventilation z ge LM2500+G4 scope.

Integrated auxiliaries: dual lube-oil systems (synthetic & mineral), electro-hydraulic start skid, on-line/off-line water-wash skid, side-exhaust arrangement for flexible plant layout.

Control & protection: Woodward Micronet+ fuel controller, GE Rx3i sequencer, HMI, generator protective relay, dual 24 V DC battery/charger set z ge LM2500+G4 scope.

Factory CO₂ fire-protection system with optical flame, hydrocarbon and thermal detectors; alarms annunciated on the turbine control panel z ge LM2500+G4 scope.

Condition & Availability

Year of manufacture: 2025 (unused, zero operating hours)

Location: Shanghai, China (EXW)

Lead time: Ready to ship within **7 months** of purchase order.

Comprehensive documentation, QA records and test certificates supplied.

Optional installation & commissioning advisory services available on request.

