

SPECIFICATIONS



2.9 MW 2004 Used Niigata 18V22AG Natural Gas Power Plant Generator Sets

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Description

This gas-fired power plant is a medium-speed reciprocating engine. Designed for continuous-duty or prime power applications, the plant is configured to deliver reliable and fuel-efficient power for industrial, utility, or distributed generation operations. The plant features integrated cooling, control, and electrical systems, and is well-suited for both island and grid-parallel operations.

The facility is modular and compact in layout, with all essential auxiliary systems included—such as gas handling, cooling, lube oil, and emissions control components—allowing for rapid installation and commissioning at a new site.

KEY FEATURES:

- **Installed Capacity:** 2.9 MW (continuous output)
- **Configuration:** Single-engine generator package with auxiliary systems
- **Cooling System:** Closed-loop water cooling with potential for heat recovery (CHP)

ADVANTAGES:

- **Lower Emissions:** Natural gas combustion reduces NOx and PM emissions compared to HFO or diesel plants
- **Grid-Compatible:** Can be synchronized with the grid or operated in island mode, offering flexible deployment options
- **Compact Footprint:** Efficient layout of engine and auxiliaries allows for straightforward transport and reinstallation

Manufacturer	Niigata
Model	18V22AG
Year	2004
Condition	Used
Location	North America
Qty Available	2 Units
Category	Natural Gas Generators
Subcategory	1 – 9 MW
Stock Number	USP010389
Wattage	2.9 MW
Hours	32000
Frequency	60 Hz
Fuel Type	Natural Gas
Voltage	6600 Volts
Balance of Plant Available? (BOP)	-



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