

SPECIFICATIONS



7.9 MW 2017 New Solar Taurus 70 Natural Gas Turbine Generator Set

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Description

This natural gas turbine generator set is a high-efficiency, mid-sized industrial gas turbine package. This 2017 model offers a compact, modular design that integrates the turbine, generator, auxiliary systems, and control equipment in a fully enclosed, factory-packaged unit.

The unit is powered by a 14-stage axial-flow compressor and two-stage turbine section, delivering a pressure ratio of ~17.6:1. It is equipped with Solar's proprietary SoLoNOx™ dry low-emission combustion system, which achieves reduced NO_x levels without water injection, ensuring compliance with global emission standards while keeping operational costs low.

KEY FEATURES:

- **Electrical Output:** ~7.9 MW (7,965 kWe).
- **Combustion System:** SoLoNOx™ dry low NO_x technology for reduced emissions without water injection.
- **Generator:** High-efficiency synchronous generator, typically 10.5 kV output.

ADVANTAGES:

- **Compact Modular Package:** Simplifies installation, transport, and commissioning.
- **Versatility:** Suitable for simple-cycle, CHP, and mechanical drive applications.
- **High Efficiency:** Competitive heat rate (~9,955 Btu/kWh), offering reduced fuel consumption per MWh.

Manufacturer	Solar Taurus
Model	T70
Year	2017
Condition	New
Location	Asia
Qty Available	1 Unit
Category	Natural Gas Turbines
Subcategory	1 – 9 MW
Stock Number	USP010835
Wattage	7.9 MW
Hours	Zero
Frequency	50 Hz
Fuel Type	Natural Gas
Voltage	10500 Volts
Balance of Plant Available? (BOP)	-



Asset Photos



Asset Photos

