SPECIFICATIONS



7.9 MW 2017 New Solar Taurus70 Natural Gas Turbine GeneratorSet

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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:

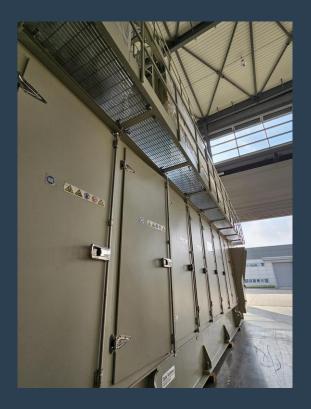
- Compact Modular Package: Simplifies installation, transport, and commissioning.
- **Versatility:** Suitable for simple-cycle, CHP, and mechanical drive applications.
- High Efficiency: Competitive heat rate (~9,955 Btu/kWh), offering reduced fuel consumption per MWh.

| 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) | |



treme ownership

Asset Photos











Asset Photos









