

TURBINE DESIGN FEATURES

The Titan™ 250 is an industrial gas turbine designed to optimize product footprint while maximizing power density. This gas turbine features high reliability and durability with low total life cycle cost. The Titan 250 offers best-in-class low emissions capability through our proven SoLoNOx™ combustion technology. It has a unique modular design for improved on-skid service flexibility and maintainability. The Titan 250 design has more than ten years of service and presents the global marketplace with the latest technologies and benefits across a wide and challenging range of fuel, site and overall performance conditions.



DIGITAL INTEGRATION

InSight Platform™, Solar's proprietary digital technology foundation, is integrated throughout this product and ready to connect in the field. InSight Platform provides an entire ecosystem of tools and capabilities that provide real-time diagnostics and analytics to Solar's Customer Service network, and performance metrics to the equipment owners and operators.



CUSTOMER SERVICES

Solar's worldwide service organization is dedicated to your success. Our culture of customer care is the foundation of our commitment to the highest quality customer experience. With more than 60 service locations around the world, we are committed to ensuring reliable, efficient performance that precisely fits your requirements.



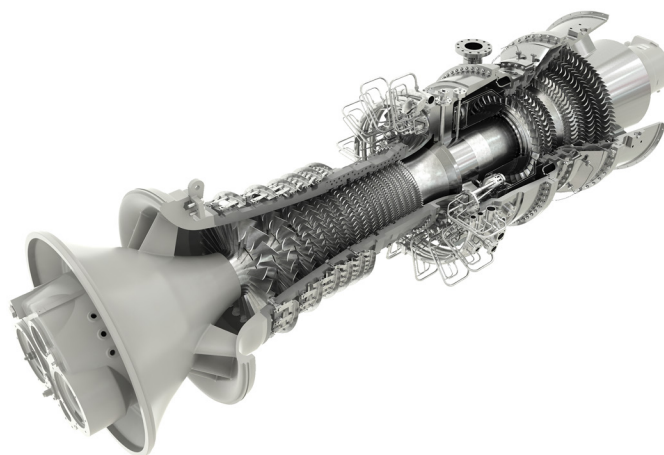
PACKAGE DESIGN FEATURES

The power and speed of the Titan 250 are designed to drive Solar's extensive line of midstream and upstream centrifugal gas compressors, either directly or via a speed increasing gearbox. With the Titan, Solar continues the legacy of offering compact packages which incorporate all major support systems such as fuel system, lubrication system, start system and control system – all of which are fully tested prior to shipment.

Typical Performance

Output Power	23 790 kW (31,900 hp)
Heat Rate	8880 kJ/kW-hr (6275 Btu/hp-hr)
Exhaust Flow	253 449 kg/hr (558,740 lb/hr)
Exhaust Temp.	460°C (865°F)

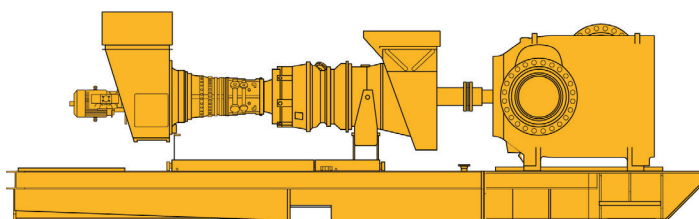
Nominal rating per ISO at 15°C (59°F), sea level
 No inlet/exhaust losses
 Relative humidity 60%
 Natural gas fuel with LHV = 31.5 to 43.3 MJ/Nm³
 (800 to 1100 Btu/scf)
 Optimum power turbine speed
 Without driven accessories
 Engine efficiency: 39.9%
 Ratings above are typical new equipment
 ratings. Please contact Solar Turbines sales to
 obtain project specific data.



Typical Package Dimensions

Length: 16.5 m (54' 2")
 Width: 3.9 m (12' 11")
 Height: 3.4 m (11' 3")
 Package Weight, Approx: 108 830 kg (239,720 lb)

Dry weight with typical compressor, unenclosed height,
 does not include ancillary equipment



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