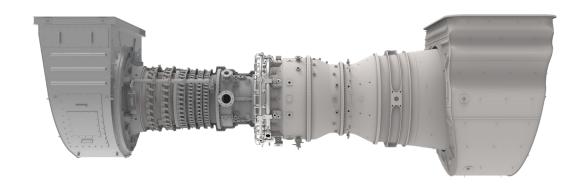
Solar Turbines

A Caterpillar Company

Powering the Future Through Sustainable, Innovative Energy Solutions



As the global energy sector transitions towards a less carbon intensive future, Solar Turbines introduces the Titan™ 350 – a world class, highly efficient gas turbine designed for the oil and gas market in the 34 MW size range. This product has robust design features based on the proven experience of the Titan product line and is well suited for flexible power or continuous duty.



TURBINE DESIGN FEATURES

The Titan™ 350 is an industrial gas turbine designed for high efficiency over its entire operating range. This gas turbine is built for the future with best-in-class SoLoNOx™ combustion technology and hydrogen fuels compatibility. The Titan 350 is designed to optimize product footprint and maximize power density while providing high reliability and durability with low lifecycle cost.



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.



PACKAGE DESIGN FEATURES

With the Titan 350, 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. The modular package design allows for quick installation and commissioning while minimizing specialized tools and labor.



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.

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34 MW Gas Turbine Generator Set

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Typical Performance

Output Power	34 000 kWe
Heat Rate	9130 kJ/kWe-hr (8655 Btu/kWe-hr)
Exhaust Flow	386 265 kg/hr (851,570 lb/hr)
Exhaust Temp.	450°C (840°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 No accessory losses Engine efficiency: 39.3% (measured at generator terminals)

Ratings above are typical new equipment ratings. Please contact Solar Turbines sales to obtain project specific data.

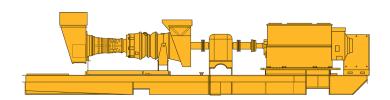


Typical Package Dimensions

Length: 21.9 m (72') Width: 4 m (13')

Package Weight, Approx: 184,160 kg (406,000 lb)

Dry weight, unenclosed, typical CACA generator, does not include ancillary equipment



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