

Solar Mobile Turbomachinery



Fast And Easy Installation For Mobile Power

Solar Mobile Turbomachinery (SMT) is the best solution for oil field power, remote power and trailer power in the industry, and in emergencies such as natural disasters where quick power is essential. The single trailer design is a complete mobile power plant with wide fuel composition flexibility. This solution is based on the 5.7 MWe Taurus 60 gas turbine generator set – a proven industry standard. The SMT60 is ideal for scalable blocks of power. Some important facts about the Taurus 60:

- Introduced in 1987
- Over 2,000 units sold
- More than 300 million total operating hours

As an original equipment manufacturer, Solar has the most 5MW gas turbine units operating in the world. The SMT60 provides 5MW of scalable power for e-frac, gas gathering and processing, electric drilling (e-drill) and well completions, microgrids and oil field commissioning.

SMT60 Datasheet

For higher power requirements, the SMT130 is the economic and sustainable solution for mobile and rapid deployment power generation. This 16 MWe complete power plant is designed around the proven Titan 130 gas turbine for quick setup, global transportability, and reliable operation. The SMT130 is ready to go anywhere, anytime.

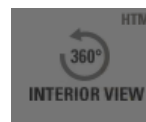
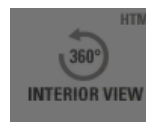
SMT130 Datasheet



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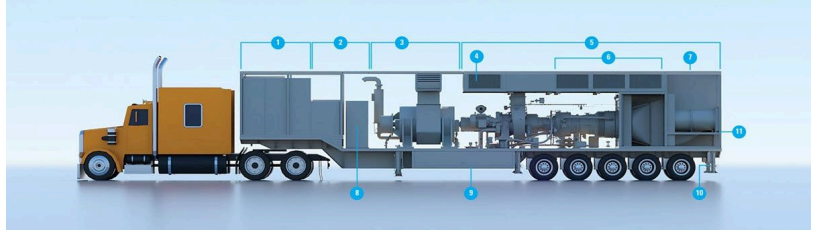


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These solutions are supported by Solar's extensive field service support, and condition-based maintenance using Insight and/or long-term service agreements.

Solar Mobile Turbomachinery Components (SMT60 Only)

1. Electrical Equipment Compartment (EEC)
2. Medium Voltage Compartment
3. Generator Compartment
4. Generator Ventilation Inlet Filter
5. Turbine Compartment
6. Integrated Air Inlet Duct and Filters
7. Exhaust
8. MV Connection Point
9. SoLoNOx™ Gas Fuel System
10. Auto-Leveling Jack
11. Enclosure Ventilation Fans



Park, Plug And Play

The single trailer with fully integrated design is completed in Solar's shortest set-up time – less than six hours. There are no crane lifts involved, which makes it easy to coordinate relocation. The SMT60 includes an auto-leveling system and has only three main connections: medium voltage, black start, and gas fuel.

For Remote Locations

The SMT60 generator packages are engineered for the challenging demands of drilling and well completion - compact single trailer design for high power density with a small footprint.

Would You Like Us To Evaluate Your Mobile Power Needs?

Contact us to find out if Solar Mobile Turbomachinery is the right solution for you.

GET IN TOUCH

EXPLORE THE SOLAR TURBINES DIFFERENCE

CONVERTING HIGH HYDROGEN FUEL TO ELECTRICITY

Some of Solar Turbines' customers have been operating on high hydrogen fuel (including coke oven gas) with greater than

OPTIMIZING EQUIPMENT VALUE, ANYWHERE AND ANYTIME

INNOVATIONS FOR ENERGY SOLUTIONS

Solar Turbines has been innovating the energy industry for more than 60 years and we will continue to push what is possible.

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50% hydrogen to generate power and steam over the past 10 years.

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Customer support extends beyond maintenance and repairs to include broad offerings that help enhance performance and safety, extend equipment life and prevent obsolescence.

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