

Solar® Turbines

A Caterpillar Company

SOLAR® MOBILE TURBOMACHINERY

SMT130 – Powered by Titan™ 130

Powering the Future Through Sustainable, Innovative Energy Solutions

The SMT130 is the economic and sustainable solution for mobile and rapid deployment power generation. The 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.



COMPLETE SOLUTION

- Fully-Integrated Mobile Power Plant
- 13.8KV/12.47KV (60 Hz) Generator
- Dual Fuel System (Natural Gas and Diesel #2)
- Low Emissions SoLoNOx™ Combustion System
- Lightweight, Dual Frame Design with Separate Air Filtration Module
- Compact Footprint for High Power Density
- Low-Profile Modular Design to Minimize Installed Height
- Easily Relocatable via Highway or Rugged Terrain
- Transcontinental Transportability by Ocean Freight
- World-Class Global Customer Support Network

PARK, PLUG AND POWER

- Quick and Innovative Setup – Less Than 12 Hours
- No Concrete Foundation Required
- No Crane Lifts Required at Site
- Hydraulic Leveling System
- Rapid Alignment Technology

STANDARD FEATURES

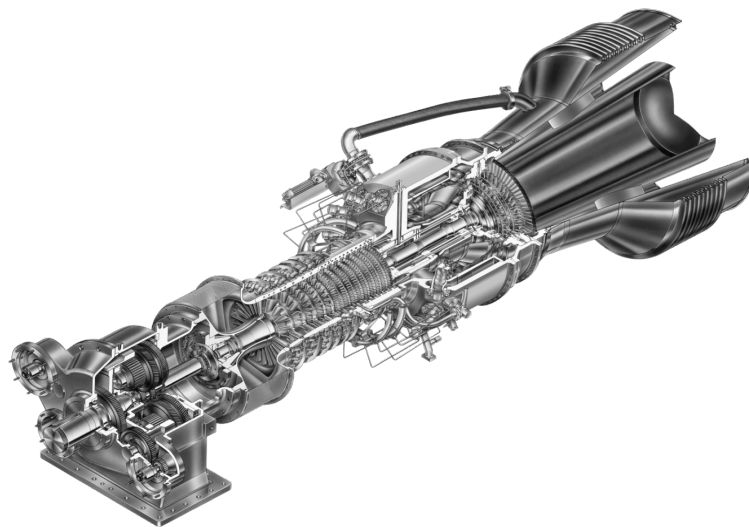
- Wide Fuel Flexibility (Field Gas, CNG, LPG, etc.)
- Temperature Range from -18°C to 49°C (0°F to 120°F)
- Complete Electrical Equipment Compartment with Motor Control Center and HVAC
- Utility Grade Switchgear and Protective Relay Module
- Compact Medium Voltage Compartment
- Internal 120V Outlet
- Optional Sound Attenuation System
- Add-On Option for Multi-Unit Power Management and Microgrid Control with Solar® StationEdge
- InSight™ Platform Compatible
- Digital Load Sharing Capability Across Solar Fleet
- Standard Offering at 25 PPM NOx with Optional Configurations Down to 15 and 9 PPM NOx

SMT 130

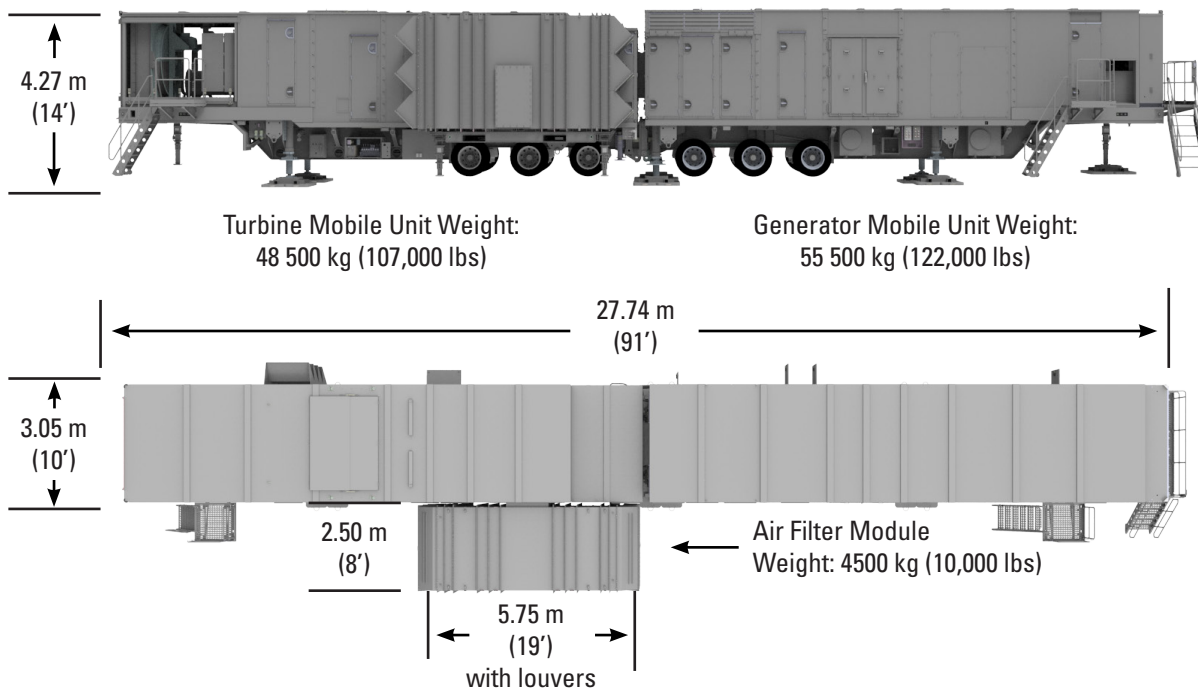
TYPICAL PERFORMANCE*

Output Power	16 000 kWe
Heat Rate	10 160 kJ/kWe-hr (9630 Btu/kWe-hr)

*ISO: 15°C (59°F), sea level



MOBILE POWER PLANT DIMENSIONS



Note: Displayed weights shown are estimated installed weights