

The TM 2500^{plus} Mobile Gas Turbine Generator Various Voltage & 50 or 60 Hz Applications



Offered by PowerFactor, the GE TM2500^{plus} Mobile Gas Turbine Generator is a fast, reliable solution for most any power generation requirement. From unexpected energy losses due to storm damage, to planned power generation for based load operation at a remote location... the TM2500^{plus} Turbine Generators by PowerFactor, provide dependable power generation for virtually any application, *anywhere in the world!*

Equipped with the latest in Turbine Generator technology, General Electric's TM2500^{plus} offers a 31% increase in power output capacity, while occupying less space, in less time than ever believed possible. From Inquiry to commissioning is now days instead of weeks or months...

Perfect for providing a base load bridge to permanent power installations or for generating backup power supporting natural disaster relief, plant shutdowns or equipment maintenance, the TM2500^{plus} provides up to 31MW at various voltages and frequencies and achieves full power in less than 10 minutes!

The General Electric **TM 2500^{plus}** provides the following Key Benefits:

- Specifically designed for the fastest response time in the industry
- Units achieve full power in less than 10 minutes
- Ultra-compact footprint of 78'L x 21'W
- Average noise level of 87 dBA @ 50'
- Dual Fuel Flexibility allows for operation on natural gas or diesel & HFO fuels
- Quick conversion between 50 & 60 Hz
- Capable of supplying various voltages
- Low emissions with de-mineralized water injection (25 pm with gas; 42ppm with liquid)
- Can be Mobilized any time, 24/7/365
- Easy to operate and maintain
- Available for both purchase and rental

The TM 2500^{plus} Mobile Gas Turbine Generator

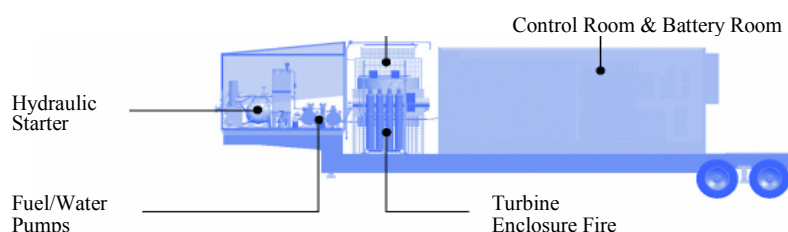
Improved Design

Packaged on a two-trailer system with a top-mounted inlet and exhaust assemblies, **the TM 2500^{plus} requires 77% less space** other models. The **TM 2500^{plus}** is easily transported by ship, rail, or tractor-trailer rigs to even the most remote locations around the world.

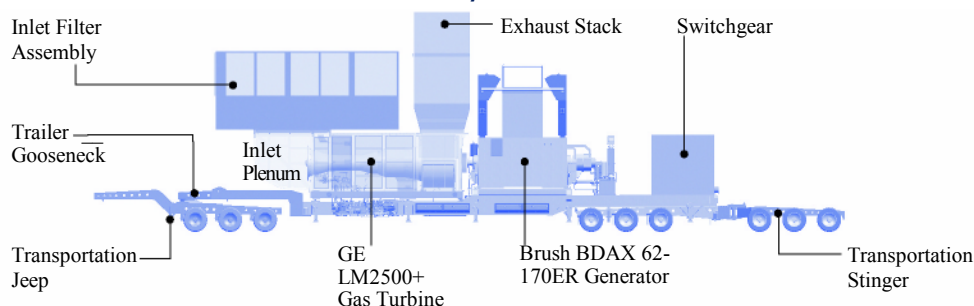
The improved design of the GE **TM 2500^{plus}** offers more quick-connect fittings to help with installation and allow for reduced assembly and setup time. Assembly is often fully completed in just one day.

With over 60,000 operating hours experience in a variety of applications, the **TM 2500^{plus}** can be easily converted from 50 to 60 Hz and dual fuel capability. At the heart of the **TM 2500^{plus}** lie the **LM 2500** aero-derivative gas turbine and Brush 170ER generator.

Auxiliary Trailer



General Layout



Typical Applications

With more than 2,000 LM 2500 and LM 2500^{plus} units sold for use in power generation applications worldwide, the GE LM & TM series turbine generators are the most experienced & reliable turbine solutions available. Common uses include:

- Base Load power generation stations for remote areas
- Supplemental power for peak shaving or managing seasonal demands
- Supplemental power to overcome constraints such as hydropower shortages, etc.
- Temporary power for maintenance, overhauls, or outages at power plants or for large-scale industrial or commercial projects
- Emergency power support during natural disasters