

A. GENERAL ELECTRIC TM 2500 UNIT

22.8 MW TM2500 Gas Turbine Generator

Features:

- Mobile 4-trailer assembly
- Incorporates the proven LM2500 gas turbine
- Air-cooled Brush 2-pole generator w/ brushless excitation
- Dual fuel capability
- Dual frequency – quickly converted from 60 Hz to 50 Hz – no reduction gear
- Low emissions with demineralized water injection
- Quick set-up – less than 3 days
- < 10 minute start cycle to full power
- Woodward/Netcon 5000 control system
- Multiple units started/controlled through a single desktop PC
- Minimal foundation requirements
- Inlet air heating/cooling provisions



As a bridge to a permanent power solution, or for peak shaving service, the TM2500 is the single largest source of mobile, temporary power in the world

Technical Specifications:

ISO Output (60 Hz)	22,800 kW
Output Voltage	13,800 V (11,500 V @ 50 Hz)
Heat Rate	9,270 btu/kw-hr
Power Factor	0.9
Auxiliary power requirement	~ 200 kW @ 480 VAC (380 V @ 50 Hz)
Fuel Type	Natural gas or diesel
NOx Emissions (w/ water injection)	25 ppm on gas, 42 ppm on diesel
Starting system	Electro-hydraulic
Single Unit Footprint	~ 110' x 70'
Sound Level @ 3 ft.	95 dB(A)