

FT8[®] MOBILEPAC[®] Gas Turbine Package

30 Megawatts of Mobile Power

The MOBILEPAC[®] gas turbine package is the industry leader in providing state of the art technology with over 30 years of experience. After many successful years of operation, the MOBILEPAC[®] gas turbine package now utilizes the FT8[®] engine and offers 30 megawatts of movable power. Utilizing the proven SWIFTPAC[®] gas turbine package technology, this package is designed to provide quick, reliable power and is especially useful in emergency situations.

The MOBILEPAC[®] gas turbine package design includes two trailers. The first contains the gas turbine, electric generator, exhaust collector, diffuser and engine lube oil system. The second trailer carries the 15- kilovolts switchgear, control system, operation panel, protective relays, batteries and charger, motor control center and the hydraulic start package. A pre-commissioned MOBILEPAC[®] gas turbine package can be driven to a site and begin generating power in less than one day.

PW Power Systems

a group company of  **MITSUBISHI HEAVY INDUSTRIES, LTD.**

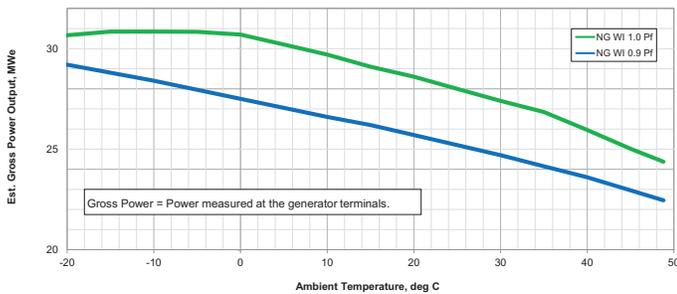
FT8[®] MOBILEPAC[®] Gas Turbine Package

The FT8[®] MOBILEPAC[®] gas turbine package requires the smallest footprint in the industry, utilizing at minimum a 25- by 60-foot area. Very little advanced site preparation is required, and no foundation or concrete pad is necessary for installation of the unit. The unit is transportable by land, sea or air, allowing worldwide delivery of the MOBILEPAC[®] gas turbine package within 24 hours.

Typical Performance

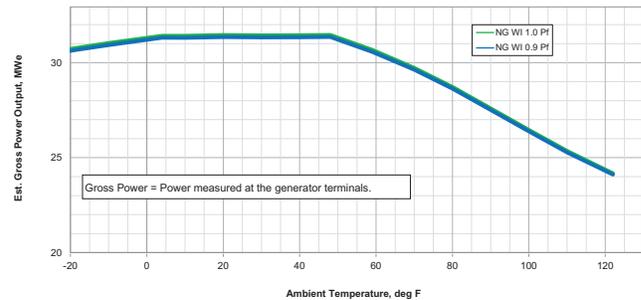
Est. "Base Load" Gross Power Output vs. Ambient Temperature

FT8[®] MOBILEPAC[®], 50Hz PT @ 50Hz-11.5kV, NG LHV 48080 kJ/kg, WI to 25 ppm NOx Sea Level, 60% RH, 63.5/25.4 mm H2O Inlet/Exhaust Loss



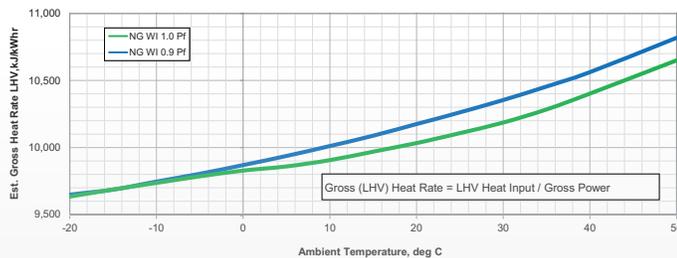
Est. "Base Load" Gross Power Output vs. Ambient Temperature

FT8[®] MOBILEPAC[®], 60Hz-13.8kV, NG LHV 20670 Btu/lb, WI to 25 ppm NOx Sea Level, 60% RH, 2.5/1.0 inch H2O Inlet/Exhaust Loss



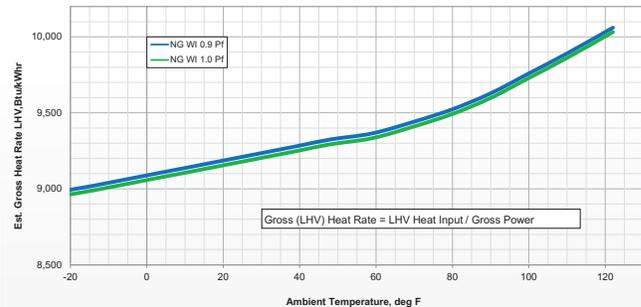
Est. "Base Load" Gross Heat Rate vs. Ambient Temperature

FT8[®] MOBILEPAC[®], 50Hz PT @ 50Hz-11.5kV, NG LHV 48080 kJ/kg, WI to 25 ppm NOx Sea Level, 60% RH, 63.5/25.4 mm H2O Inlet/Exhaust Loss



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Benefits

- Ready for emergency power within one day (site ready)
- Environmentally compatible
- Dual fuel/dual frequency
- Optional black start capability
- Flexible trailer siting
- Highway compatible
- Three-point support and structural rigidity to maintain generator alignment
- Remote operation

Product Facts

Output	30,000 kW
Base engine	FT8 [®]
Number of trailers	2
Installation	8 hrs (site ready and previously commissioned)
Noise	95 dBA at 1 m
NOx/CO	50/100 mg/m3
Grid	50 or 60 Hz
Fuel	Liquid or gas

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