



**FLEXENERGY 1.3 MEGAWATT HIGHLY EFFICIENT  
ULTRA LOW EMISSION POWER PACKAGE**



**HEAT RECOVERY\***

- Exhaust temp: 507°F (264°C)
- Engine air flow: 19.8 lb/s (9.2 kg/s)  
15,560 scfm (25,000 Nm³/h)
- Max available heat: 7.6 MMBtu/h  
(2,224 kW)

\* At ISO conditions; four drivetrains operating at full power. Available heat based on exhaust recovery down to 59°F (15°C).

**FUEL REQUIREMENTS\***

- Fuel Consumption (LHV) - 13.6 MMBtu/h (3,996 kW)
- Inlet pressure - 75 to 140 psig (517 to 965 kPag)
- Acceptable Fuel Range (LHV) - 325 to 1900 WI Btu/ft³, 12.1 to 70.7 WI MJ/m³

\* Consumption at ISO conditions; four drivetrains operating at full power. WI - Wobbe Index Lower heating value (LHV).

**PHYSICAL SPECIFICATIONS**

**Turbine**  
W - 96 in, L - 480 in, H - 124 in  
WEIGHT - 48,000 lb

**Package**  
W - 244 cm, L - 1219 cm, H - 315 cm  
WEIGHT - 21,818 kg

**GBR - One per**  
W - 43 in, L - 63 in, H - 21 in  
WEIGHT - 595 lb

**Drivetrain**  
W - 110 cm, L - 160 cm, H - 78 cm  
WEIGHT - 270 kg

**Ambient Temperature Range**  
-20° to 115°F (-29° to 46°C)

**Sound Levels**  
Turbine Package - 69 dB(A) @ 10 m  
GBRs - 65 dB(A) @ 10 m

**EMISSIONS AT 100% LOAD\***

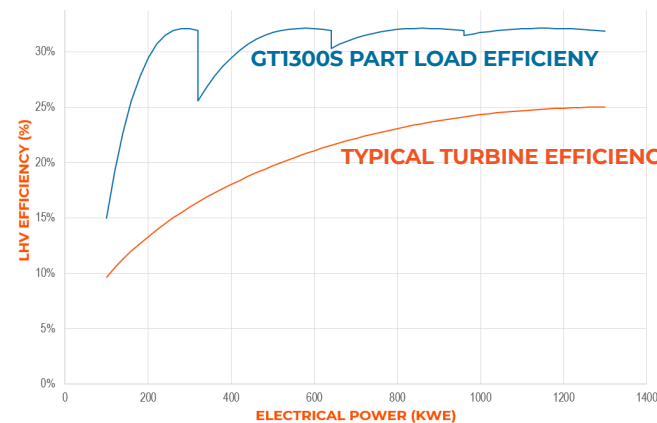
NOx - 5 ppmv @ 15% O<sub>2</sub>  
CO - 5 ppmv @ 15% O<sub>2</sub>  
VOC - 5 ppmv @ 15% O<sub>2</sub>  
\* Pipeline natural gas only at ISO conditions. May differ based on site conditions.

**KEY FEATURES**

- High electrical efficiency over a wide operating range
- Part load redundancy and demand response control
- Built with the same proven technology as the GT333S
- Integrated Utility synchronization and protection
- Remote Monitoring and FlexCare® fixed maintenance plans available

**ELECTRICAL PERFORMANCE\***

CHARACTERISTIC	SPECIFICATION
Electrical efficiency	33% LHV
Electrical power	1300 kW
Nominal Heat Rate (LHV)	10,490 Btu/kWh (11.1 MJ/kWh)
Nominal Heat Rate (HHV)	11,540 Btu/kWh (12.1 MJ/kWh)
Voltage	480 VAC / 400 VAC
Frequency	60 Hz / 50 Hz
Type of Service	3 phase, wye, 4 wire



\* At ISO Conditions (59°F [15°C], sea level, 60% RH); high pressure natural gas  
Electrical efficiency tolerance: +1/-2.5 pts  
Electrical power tolerance: ± 50kW  
Elevation derate of approximately 3.5% per 1000 ft (305 m)