



Power2Go Mobile Gas Turbine Genset

Jerrell R&D engineers have been thinking outside the box to utilize the power of electricity in the whole oilfield. Based on the exploration & production demand of the U.S. Oil & Gas industry, Jerrell offers a complete electricity supply solution from gas treatment, generation to power allocation and auxiliary power supply to meet the operational requirements at job site. With dedicated R&D team and quality-focused processes, Jerrell's patent-pending Power2Go mobile gas turbine genset is designed with mobility in mind and one-key startup control system to allow safety & flexibility of electricity supply.

- **Efficient:** Achieves quick deployment, installation & commissioning in less than 8 hours through a modular design.
- **Safety:** Meets explosion-proof rating of Class I, Division 2 and is designed nearly 200 monitoring points to achieve real-time status monitoring.
- **Convenient:** Equipped with lifting system to eliminate need for installation lifts.
- **Eco-friendly:** Runs on natural gas to reduce emissions and lower noise level below 90 dBA.



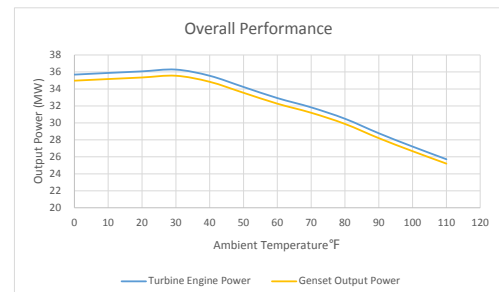
Technical Parameters

| Item | Description |
|--------------------------|--|
| Gas Turbine | 33MW@59F; 0 ft |
| ISO Base Rating (MW) | 33MW @ ISO Working Condition |
| Heat Rate, LHV (Btu/kWh) | 8,760 |
| Heat Rate, LHV (kJ/kWh) | 9,243 |
| Efficiency (%) | 39.5 |
| Exhaust Flow (lb/sec) | 202 |
| Exhaust Flow (kg/sec) | 91.5 |
| Power Turbine (rpm) | 3,600 |
| Exhaust Temp (°C) | 526.6 |
| Exhaust Temp(°F) | 980 |
| Noise Level | < 90 dBA @ 3.3 ft |
| Generator | Brush BDAX 62-166ER |
| Terminal Voltage | 13.80 kV±5% |
| Frequency & Speed | 60 Hz ±2%, 3,600 rev/min |
| Electric Power | 33MW@59F; 0 ft Inlet pressure loss 4 in.w.g.; Exhaust pressure loss 6 in.w.g. |
| Rig-up Time | < 8 Hours |
| Overall Dimensions L×W×H | 67'3"×9'10"×14' for Main Trailer |
| | 32'10"×9'10"×14' for Inlet & Ventilation Trailer |
| | 41'×9'10"×14' for Exhaust Trailer |
| Weight | 187,393 lbs (85 t) for Main Trailer |
| | 35,274 lbs (16 t) for Inlet & Ventilation Trailer |
| | 33,069 lbs (15 t) for Exhaust Trailer |

Smart Rig-up

- The balance is adjusted by independent hydraulic landing legs
- The main trailer is aligned to the air intake system through an auxiliary hydraulic system, which is convenient and fast
- Exhaust system does not require a crane for installation
- The exhaust silencer utilizes a wireless remote control, eliminating the need to work at height

Overall Performance



JEREH
PRODUCT PROFILE
Index-2021.07-V1/EN

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USA Office: 7501 Miller Road 2, Houston, TX 77049

Tel: + 1 281-860-0488

Canada Office: Suite 400, 900 6 Ave SW Calgary AB T2P 3K2

Tel: +1 403-474-1899

E-mail: customerservice@jereh.com www.jereh-eet.com