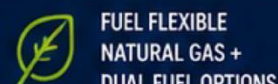
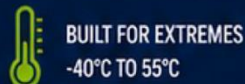


**RELIABLE POWER.
RAPID DEPLOYMENT.
BUILT FOR DEMANDING
ENVIRONMENTS.**

Built on the proven SPG4 gas turbine with over 12 million operating hours in mission-critical applications worldwide, our 3.2 MW mobile power platform delivers reliable, efficient power in the harshest conditions and the most demanding environments.



PACKAGE OPTIONS

PRIME POWER

Engineered for continuous operation in permanent installations and combined heat and power (CHP) applications.

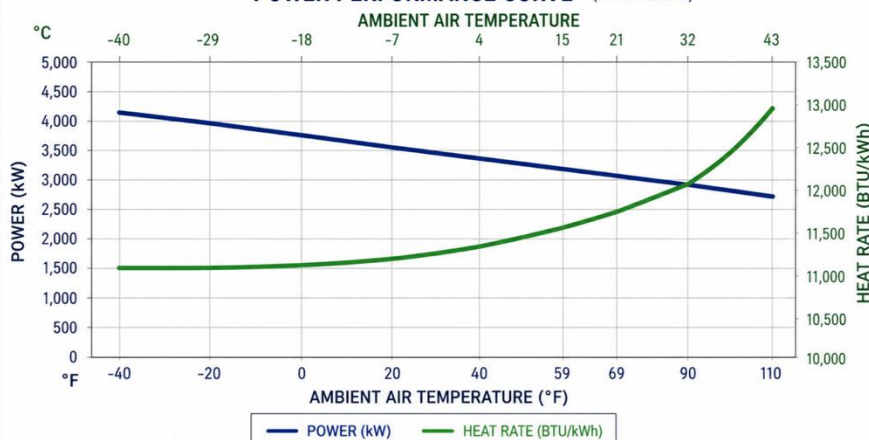


MOBILE POWER

Highway-legal drop-deck trailer for short- and medium-term projects where speed and flexibility are critical.



POWER PERFORMANCE CURVE* (NATURAL GAS)



*ISO Conditions: 15°C (59°F), Sea Level, 60% RH

KEY PERFORMANCE & CAPABILITIES

	Electrical Output (ISO)	3.2 MW _(e)
	Fuel Consumption (ISO)	41 MMBTU/hr ~ 980-1,000 MSCF/day ~ 2.2 bbl/hr (LFO)
	Electrical Efficiency	~ 29%
	Total System Efficiency (CHP)	Up to 85%
	Thermal Output (CHP)	~ 30 MMBTU/hr
	Fuel Type	Natural Gas (Dual Fuel Capability Available)

- ✓ Emissions Data: Available upon request
- ✓ Fuel Pressure Requirements: To be confirmed
- ✓ Sound Level: Available upon request

TURBINE ENGINE		GENERATOR		PHYSICAL & TRAILER		ENVIRONMENTAL & OPERATIONAL	
Model	SPG4-4	Manufacturer	ABB or Stamford	Total Length	57' 0" (17.37 m)	Operating Temp.	-40°C to 55°C (-40°F to 131°F)
Configuration	Single-Shaft, 2-Bearing	Output	4,000 kVA	Total Length w/ Trailer	85' 0" (25.91 m)	Humidity	Up to 100% RH (Condensing Optional for Higher)
Compressor	16 Axial + 2 Radial	Voltage	13.8 kV (Other Voltages Available)	Width	8' 6" (2.59 m)	Load Dump Capability	Inlet Guide Vanes (IGVs) and Dump Resistor Included
Gas Producer	12 Stages	Frequency	60 Hz	Height	13' 6" (4.12 m)	Grounding	High impedance grounding standard (Low impedance optional)
Power Turbine	2 Stages	Power Factor	0.8	Weight (Est.)	90,000 lbs (40,823 kg)	Emissions	Reconstructed Engine as of CH 1 Date (Subject to Local Rules)
Inlet Flow	~108,000 lb/hr	Speed	1,800 RPM	Trailer Type	Drop Deck	Fuel Quality	ISO ~ 13686 (Natural Gas) / Class M (LFO) or Better
Fuel Flow	2,620 SCFM	Generator Type	Brushless, 4-Pole	Gross Combination Weight (Est.)	97,300 lbs (44,134 kg)	Control System	GE Mark VIE, Local & Remote Monitoring
Heat Rate (LHV)	10.0 Btu/kWh	Insulation Class	H	Axes	4 + 2 (10,000 lb Air Ride)	Protective System	Woodward EasyGen or Equivalent
Exhaust Flow	28.9 lb/sec	Excitation	Brushless	Brakes	Air		
Exhaust Temp	1,098°F (592°C)	Enclosure	IP23	Lighting	DOT Compliant		
Thermal Efficiency	29.0%			Compliance	Ontario Regulation (ORO) Compliant		
Pressure Ratio	16.1:1						
Fuel	Natural Gas						

FUEL FLEXIBILITY



BUILT FOR RELIABILITY.

The SPG4 platform combines a proven aerospace heritage with advanced controls and a rugged package design—delivering dependable power when and where you need it most.

EVOLUTION POWER SOLUTIONS

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