

1300 kW Rapid Deploy Gas Generator



Designed for rapid installation, this trailerized natural gas generator can deliver 1300 kW of power at a choice of either 480 V or 13.8 kV voltages without the need for additional equipment. With its rapid deploy configuration, this trailer mounted package has integrated transformer and complete switchgear for fast, turnkey power on demand.

Benefits

- Trailer-mounted with integrated transformer and complete switchgear – fast, turnkey power at your selected voltage
- Compatible with low-pressure gas systems – no compressor required, unlike turbines
- Operates on natural gas, offering improved fuel economy and lower running costs
- Intelligent load management for efficiency and redundancy – units scale output and shut down automatically based on demand

Features

- Delivers up to 1.3 MW of power in a compact, trailer-mounted package
- Offers multiple voltage configurations: 15 kV, 5 kV, or 480 V
- Fully self-contained unit for rapid deployment with minimal setup
- Quick and easy paralleling of multiple units
- Flexible fuel capability, allowing natural gas as an alternative to diesel
- Plug-and-play functionality – operational upon arrival



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The package

Package style	Containerized, trailerized
Noise level 60 Hz @ 3ft	90 dBA
Continuous power output	1300 kW
Voltage range	480 V / 13.8 kV
Engine	Cummins GQSK60-G8
Speed	1800 rpm (60Hz)
Single step load	30% @ G1
Combustion type	Lean burn

Physical data

Dimensions	19.88 ft x 8.01 ft x 8.53 ft
Weight (generator set)	45,525 lbs

Emissions

Standard aftertreatment	CO catalyst
Emissions calibration	1 g/hp-hr. NOx (can be configured for 0.5 g/hp-hr. NOx)
Emissions certification	US EPA Nonroad Tier 2

Fuel system

Able to operate on	NG, flare gas, biogas
Fuel supply line - package inlet	150lb 4" ANSI flange
Natural gas fuel supply pressure range - PSI	15- 150
Prime rating fuel consumption - SCFH	13650

Engine

Ignition	Capacitive coil drive, spark ignited
Aspiration	Lean burn, turbo charged, 4 stroke
Number of cylinders	16
Cylinder arrangement	V, 60 deg
Bore and stroke ins (mm)	6.25" x 7.5" (159 x 190mm)
Nominal power	1457 kW
Cooling	Liquid - remote radiator
Starting motor and alternator	24V
Compression ratio	11.4:1
Air Cleaner Type	4 cartridge, dry
Exhaust gas flow at full output LB/HR (ACFM)	6180 acfm
Exhaust temp at full load - dry exhaust	900° F (475° C)