

# Low BTU gas generator sets

> **1540–2000 kW** | QSV91 series



**Power  
Generation**

**Our energy working for you.™**

## Standard features

### Single source responsibility

Design, manufacture and testing of engine, alternator, control system and complete generator set are all provided by Cummins.

### Alternator

- Brushless, self-excited machine
- Close voltage regulation
- Rotor and exciter impregnated with oil and acid resisting resin
- Exceptional short circuit capability
- Low waveform distortion with non linear loads

### Applications

- Solid waste landfills
- Municipal sewage digester gas
- Agricultural waste biogas
- Coal mine methane
- Flare gas

### Cummins engine

- Heavy duty 4 cycle water cooled engine
- MCM700/SSM558 full authority electronic management
- Woodward PROACT actuator to drive throttle valve
- CENSE engine monitoring system
- Able to operate on fuels containing corrosive constituents such as SO<sub>2</sub>, halogens, and siloxanes.
- NOx exhaust emissions as low as 0.5 g/hp-hr (250 mg/Nm<sup>3</sup>)

### PowerCommand® 3.3

- Full paralleling capability grid and load share
- Integrated voltage regulation
- Superior alternator and generator set protection system
- AmySentry™ alternator protection
- 320 x 240 pixel, multiple languages supported operator display panel

## Low BTU gas generator sets | Technical data

60 Hz	Electric Output	Fuel Consumption	Electrical Efficiency
<b>C1750N6C</b>	1750 kW	16.1 mmBTU/h	37.1%
<b>C2000N6C</b>	2000 kW	18.4 mmBTU/h	37.8%

50 Hz	Electric Output	Fuel Consumption	Electrical Efficiency
<b>C1540N5C</b>	1540 kW	4204 kW	36.6%
<b>C1750N5C</b>	1750 kW	4631 kW	37.8%
<b>C2000N5C</b>	2000 kW	5287 kW	37.8%

### Proven partner

Creating innovative low BTU energy solutions takes more than quality products. It also demands technical and industry expertise, global market knowledge, and a support organization second to none.

- Cummins Power Generation delivers solutions tailored to your needs—from equipment sales and maintenance contracts to turnkey projects to full build-own-operate arrangements
- 24/7 product support available from distributors in 130 countries
- Services include entire plant maintenance, maintenance-interval guarantees, site operations, risk management, contract compliance, remote monitoring and control, and instrumentation and alarm notification
- Additional services from our partners include gas analysis and monitoring, instrumentation, site operations, advanced data gathering and analysis

### Proven performance

Cummins Power Generation gas generator sets power cogeneration, peaking and low BTU installations worldwide — a testimony to their performance, reliability and state-of-the-art design.

- Fueled by natural gas, digester, landfill and other biogases
- High fuel efficiency and very low emissions
- High power densities and extended maintenance intervals for economical prime power or cogeneration
- PowerCommand® technology for advanced generator set control and remote monitoring

**Our energy working for you.™**

[www.cumminspower.com](http://www.cumminspower.com)

© 2009 Cummins Power Generation Inc. All rights reserved.  
Cummins Power Generation and Cummins are registered trademarks of Cummins Inc. Our energy working for you.™ is a trademark of Cummins Power Generation. Specifications subject to change without notice.  
F-1523 (9/09) UK

