Low BTU gas generator sets

>1540–2000 kW | QSV91 series

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 SO₂, halogens, and siloxanes.
- NOx exhaust emissions as low as 0.5 g/hp-hr (250 mg/Nm³)

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, multipe lauguages supported operator display panel
Low BTU gas generator sets  |  Technical data

60 Hz

<table>
<thead>
<tr>
<th>Electric Output</th>
<th>Fuel Consumption</th>
<th>Electrical Efficiency</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>C1750N6C</strong></td>
<td>1750 kW</td>
<td>16.1 mmBTU/h</td>
</tr>
<tr>
<td><strong>C2000N6C</strong></td>
<td>2000 kW</td>
<td>18.4 mmBTU/h</td>
</tr>
</tbody>
</table>

50 Hz

<table>
<thead>
<tr>
<th>Electric Output</th>
<th>Fuel Consumption</th>
<th>Electrical Efficiency</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>C1540N5C</strong></td>
<td>1540 kW</td>
<td>4204 kW</td>
</tr>
<tr>
<td><strong>C1750N5C</strong></td>
<td>1750 kW</td>
<td>4631 kW</td>
</tr>
<tr>
<td><strong>C2000N5C</strong></td>
<td>2000 kW</td>
<td>5287 kW</td>
</tr>
</tbody>
</table>

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