



QSV91 Series Gas Powered Generator Sets




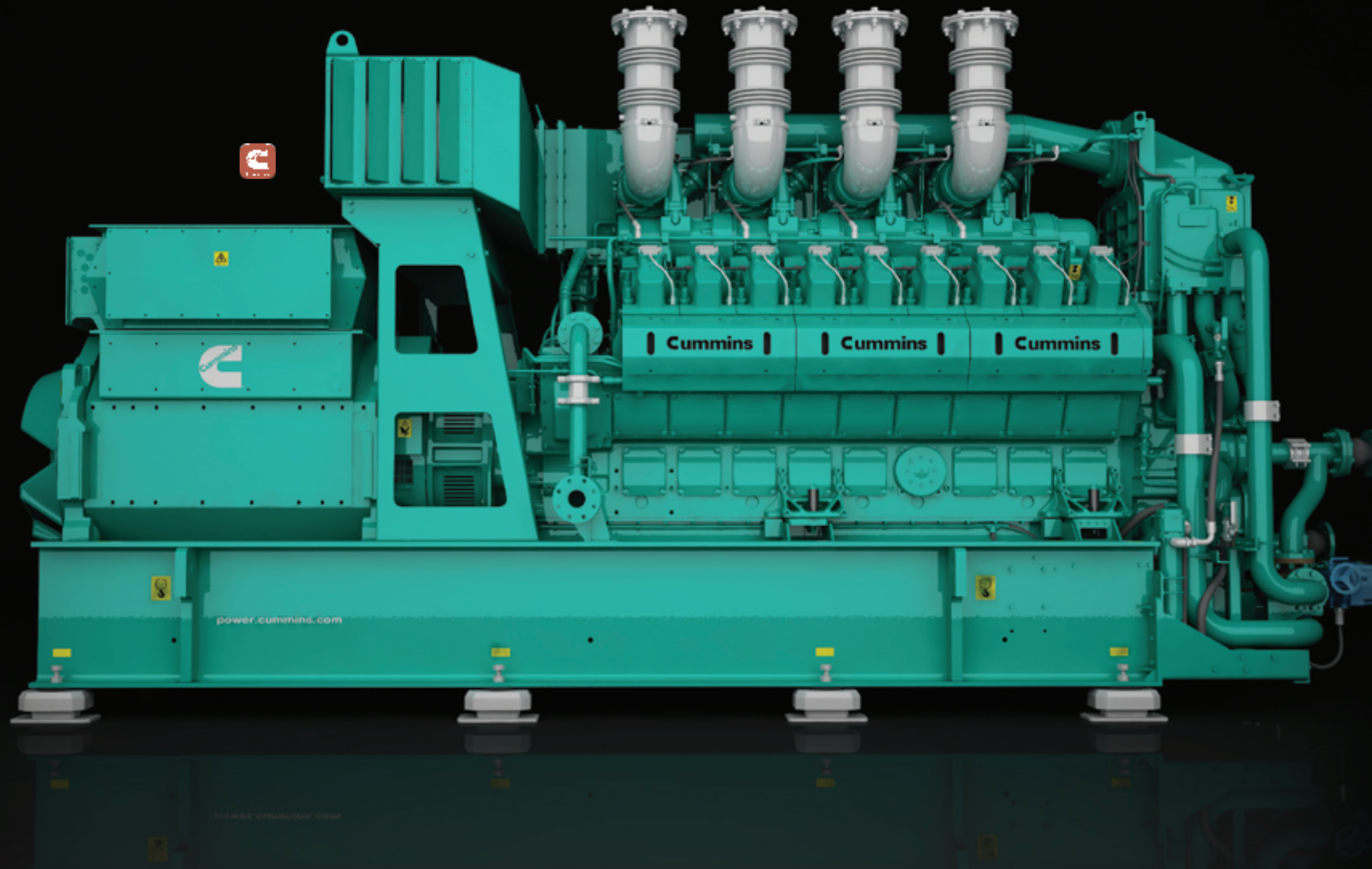
Download the **Cummins Interactive** app for iOS and Android



QSV91 Series

Gas Powered Solutions Shaped Around Your Needs

Whenever you see this icon  open the app and focus on the image to interact.



Versatile

Whether you use pipeline natural gas or other alternative gaseous fuels such as oilfield gas or biogas from landfills, the QSV91 series offer the ultimate flexibility. With power ratings of 1540kWe to 2000kWe, these 50 Hz and 60 Hz generator sets power a broad range of applications, from prime power in remote locations to standby, utility peaking, cogeneration and more.

The QSV91 series operate on low-quality gases with lower BTU or energy content properties and varying methane numbers including flare gases from on-shore and off-shore oil and gas locations.

Dependable

All components of our QSV91 series are designed, manufactured and integrated by Cummins for supreme performance and flexibility. Our generator sets combine low emissions, best-in-class load acceptance and efficiency to satisfy all your operational and environmental requirements.

Cost efficient

QSV91 series generator sets provide you with reduced maintenance costs per kWh, together with an outstanding worldwide responsive support network to maximize your value and economy. This results in lower total cost of ownership, providing predictive operating costs, long-term savings and faster payback on your investment.

Superior Performance and Efficiency.

From One Power Partner.



Our advanced engine technology means that Cummins generator sets offer industry leading performance of load pickup transient capability. This ensures fewer voltage and frequency disturbances and faster recovery times, thus providing a rigid power supply for your requirements.

Supplying electrical efficiency of up to 41% and NOx exhaust emissions as low as 0.5g/hp-h (250mg/Nm³), the QSV91 series offer the possibility of 90%+ energy efficient solutions in combined heat and power applications with minimal environmental impact.



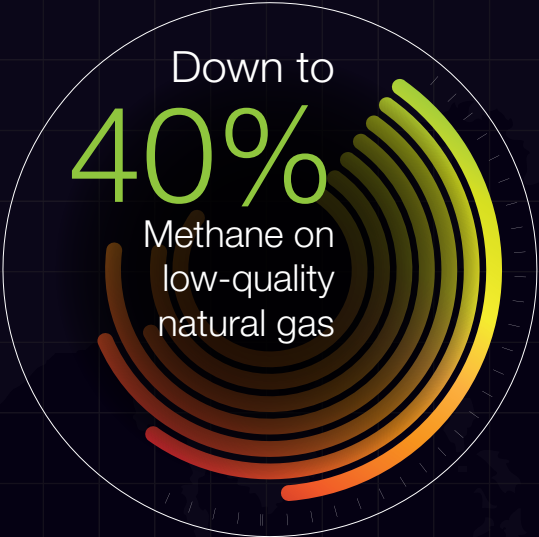
Our QSV91 series incorporate a range of turbocharger configurations tailored to your needs. Our generator sets with multi turbochargers are optimized for transient stability, and handle large load swings quickly and effectively.



With over 1GWe capacity already installed around the world, you can be confident that our QSV91 generator sets offer proven and dependable power every day, across the globe.



At Cummins, we provide comprehensive operation and maintenance plans for up to 10 years giving you the required security and support for your investment. With our established network of 600 distributors and 6,000 service and sales centers, we are ready to provide you with technical expertise and reliable assistance to keep your power up and running, anywhere in the world.



The QSV91 series generator sets demonstrate fuel flexibility by producing electricity from associated gases down to 40MN, to pipeline quality natural gas, to renewable fuels with tolerance for contaminants in sewage, digester and landfill gas fuels.

50Hz Range							
Genset Model	Grid Compliance	Temperature Rise Deg. C	ISO Electrical Efficiency	Fuel Consumption kW	Useable Heat kW	Generator Set Dimensions m (LxWxH)	NOx emissions mg/Nm ³
C1540 N5CB	Not available	80 - 105	36.8%	4189	2269	6.17 x 2.10 x 2.94	250-500
C1750 N5CB	Not available	80 - 105	38.9%	4497	2380	6.17 x 2.10 x 2.94	250-500
C2000 N5CB	Not available	80 - 105	39.1%	5120	2734	6.17 x 2.10 x 2.94	250-500
C2000 N5C	Available	80 - 105	40.9%	4892	2560	6.17 x 2.16 x 2.86	250-500
60Hz Range							
Genset Model	Grid Compliance	Temperature Rise Deg. D	ISO Electrical Efficiency	Fuel Consumption kW	Useable Heat kW	Generator Set Dimensions m (LxWxH)	NOx emissions g/hp-h
C2000 N6C	Not available	80 - 125	40.3%	4968	2568	7.22 x 2.28 x 2.78	0.5-1.0

Case Studies: Proven performance across the world



Zhenlong Biochemistry Engineering Corporation, Longkou, China



One of China’s biggest alcohol producers relies on two Cummins low BTU biogas generator sets to convert the methane produced in its factory into 4MW of power, meeting daily production needs and recovering heat to convert into cooling or hot water. Our methane trigeneration solution has operated successfully since commissioning in 2012.

Columbus Water Works, Georgia, USA



In 2012, Cummins installed two 1.75MW lean-burn generator sets with dual-fuel gas supply at Columbus Water Works (CWW), a wastewater treatment plant in Georgia. Cummins’ first large-scale renewably-fueled US cogeneration project, the generator sets continue to enable CWW to convert waste gas into electricity and thermal energy.

Desmet, Aardooie, Belgium



Tomato grower Desmet cut capital outlay, heating costs and CO₂ emissions by outsourcing its combined heat and power (CHP) plant to Cummins in 2011. After installing a 2MWe lean-burn gas powered generator set to produce Desmet’s electrical and thermal power, Cummins now manages their operation and maintenance, freeing the client to concentrate on core activities.

IGO's Jaguar Mine, Kalgoorlie, Australia



Four Cummins QSV91 generator sets are enabling IGO to reduce costs at its remote zinc and copper Jaguar Mine in Kalgoorlie. After choosing gas powered systems to take advantage of cost-saving natural gas, Jabiru selected Cummins for the proven reliability of its generator sets: an imperative considering the mine’s isolated location.

Contact us to discover how we can help.

Whatever our power goals, our expert team can advise you on the right Cummins QSV91 series gas powered generator sets and comprehensive solutions for your needs. To start a discussion, contact your local Cummins distributor or visit: power.cummins.com.

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