



Unmatched reliable power in a compact package

QSJ8.9G 125–200 KW GASEOUS STANDBY GENERATORS



High-density standby power

Part of the Cummins fully integrated power systems solution

QSJ8.9G gaseous standby generators rely on proven Cummins technology to deliver fail-safe NFPA 110 Type 10 Level 1 performance for critical applications. These dependable generator sets are

available for completely integrated power systems, capable of serving a wide range of applications more efficiently and economically.

That's the Cummins Advantage.



The most powerful and compact generator sets in their class

Fully integrated power generation systems providing exceptional performance, reliability and versatility for stationary standby applications

BEST-IN-CLASS PERFORMANCE

High power density with excellent transient and steady-state performance that meets ISO 8528 G3.

BUILT FOR HARSH ENVIRONMENTS

Rugged enclosure options are capable of withstanding 180 MPH wind loads and operating at -40 °C while maintaining the generator set interior at 10 °C.

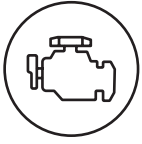
SUPERIOR COOLING SYSTEM

Robust construction with cooling up to 50 °C leaving air temperature (LAT), providing reliable operations.

DEPENDABLE CONTROLS

Integrated generator set control provides voltage regulation, engine protection and operator interface with NFPA 110 Level 1 compliance. Optional controls offer paralleling with masterless load demand.

Fail-safe performance for critical applications



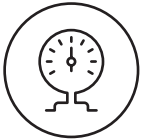
U.S. EPA-CERTIFIED CUMMINS 8.9G ENGINE

- Rugged in-line, six-cylinder, spark-ignition (SI) engine
- Optimum performance with upgraded turbo
- Highest power density available on the market
- Heavy-duty air filter with 200 hours service option



CERTIFICATIONS

- UL2200, CSA 149B, IBC and OSHPD (HCAI)
- NFPA 110 Type 10
- EPA NSPS



FUEL SYSTEM

- Robust industrial grade mixer
- Fuel inlet pressure 6–14" H₂O
- Modified 1.25" and 2" fuel inlet supply
- Low fuel gas pressure warning



NFPA 110 TYPE 10 LEVEL 1

- Accepts full rated load in a single step (8 seconds) in accordance with NFPA 110 for Level 1 systems
- Suitable for emergency applications



ALTERNATOR

- Multiple size options offer selectable motor starting capability
- 105 °C and 120 °C temperature rise
- Low-reactance $\frac{2}{3}$ pitch windings
- Low waveform distortion with non-linear loads
- Fault clearing, short-circuit capability
- Permanent magnet generator (PMG)
- Increased motor starting (IMS)
- Alternator heater
- Reconnectable options available



BREAKERS

- One, two or three CB options; NEC compliant
- 100% LSI and 80% rated breakers
- Motorized breakers



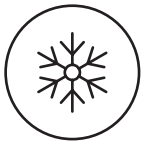
ALUMINUM ENCLOSURE WITH MUFFLER

- Aesthetically appealing design delivers one of the quietest generators of its kind
- Weather, Sound Level 1, Sound Level 2 and Winter options available
- 180 MPH wind load capable in accordance with ASCE7-10
- Maintains interior at or above 10 °C; meets CSA 282-15 at -40 °C ambient
- ~30% smaller footprint than the competition in Sound Level 2
- Superior rust prevention
- Easy access for service and maintenance



CONTROL SYSTEM

- PowerCommand® 2.3 with AmpSentry (standard) provides total generator set system integration
- PowerCommand 3.3 with paralleling available as an option
- Emergency stop switch



BEST-IN-CLASS COOLING SYSTEM

- 45–50 °C capable at 100% standby (200 kWe) at 0.5" restriction
- 50–55 °C capable at 100% standby (175 kWe) at 0.5" restriction
- Upgraded fan for ideal cooling performance
- Low coolant level warning and shutdown
- Coolant heater — cold and extreme cold temperatures



COMPREHENSIVE WARRANTY

- Two-year/1000 hours base
- Three-year and five-year options
- Global distributor and dealer network



Ratings and technical specifications

COMMON FEATURES

Engine	QSJ8.9G
Bore	114.1 mm
Stroke	144.5 mm
Displacement	8.9L
Cylinder block	Cast iron, in-line, six-cylinder
Starting voltage	12-Volt, negative ground
Standard cooling system	125 kW, -50 °C (122 °F) ambient cooling system 150 kW, -45 °C (113 °F) ambient cooling system 175 kW, -50 °C (122 °F) ambient cooling system 200 kW, -45 °C (113 °F) ambient cooling system
Alternator	Stamford® UC series, brushless, four-pole, single bearing, revolving field
Controller	PowerCommand 2.3 with 3.3 optional
Battery capacity	850 A standard, dual battery optional

Engine model	Generator set	60 Hz rating		Fuel type	Emissions	Standard alternator	Standard control
		kVA	kW				
QSJ8.9G-G2	C125N6	156	125	NG/propane	EPA NSPS Emergency Standby	UC3D	PowerCommand 2.3
	C150N6	188	150			UC3E	
QSJ8.9G-G3	C175N6B	218	175	Natural gas		UC3H	
	C200N6B	250	200			UCD3J	





A DEDICATED FACTORY REPRESENTATIVE KEEPS YOU UP AND RUNNING

All Cummins service and support resources are managed through a single point of contact: your factory-direct account manager. Assigned specifically to you, your account manager gives you a direct line to the factory with no middlemen, ensuring a rapid response from the entire service system.

Your knowledgeable, single-source contact is dedicated to saving you time and hassles while ensuring fast, reliable service every time.

WORLD-CLASS SERVICE AND SUPPORT

With the largest global and local support footprint in the industry, Cummins owns, trains and controls its entire distributor network. You'll always have a direct connection to the people who know mobile power generators best.

Best-in-class aftermarket capabilities are provided through a dedicated local contact who is supported by a global system of service technicians, engineers and parts distribution centers.

Technical support representatives always have the most up-to-date skills and equipment, with additional resources available on an as-needed basis.

All Cummins parts distribution centers are linked by a fully integrated database, enabling you to search for parts anywhere in the world.

THE CUMMINS ADVANTAGE

Over 100 years of power generation and system design expertise make Cummins the industry's trusted advisor for vital applications by many of the world's leading companies, institutions and critical infrastructure. Every system is built on decades of proven application expertise and comprehensive system engineering, with exhaustive testing and validation. And it's all supported by a vast global network of Cummins-trained service and support professionals who can keep your system online, whether for planned maintenance or unplanned downtime.

In addition, Cummins is the only true single-source supplier, manufacturing and assembling every component of its power systems. You get the highest levels of design and performance control, resulting in a much more reliable integrated system than any other provider in the industry. This approach reduces your system complexity, easing installation and commissioning time, while also delivering maximum reliability and meeting constrained time and cost requirements.



Need a product quote? Find your local sales manager via the Cummins dealer and distributor network at locator.cummins.com.

For more information, visit www.cummins.com/generators/qsj89g



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