

Lean-burn gas generator sets

- > **315–334 kW** | GFB series
- > **1160–1400 kW** | GQK series
- > **1370–1570 kW** | GQM series
- > **1250–2000 kW** | GQN series

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Standard features

Single source responsibility

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

Packaged units

- Integrated unit with control panel, starting system and other accessories
- Factory integrated container options available
- SCR and other after treatment options available

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

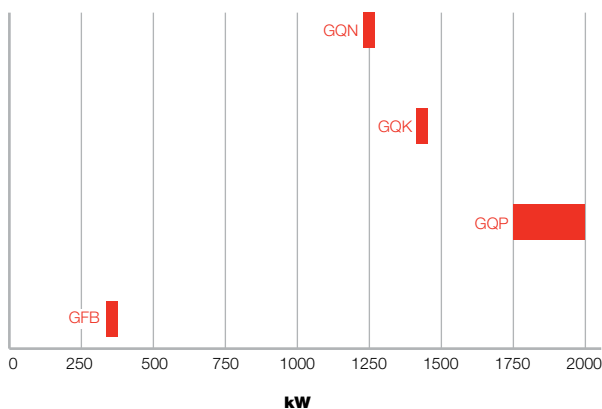
Cummins engine

- Heavy duty 4 cycle water cooled engine
- MCM700/SSM558 full authority electronic management
- Woodward PROACT actuator to drive throttle valve
- CENSE engine monitoring system

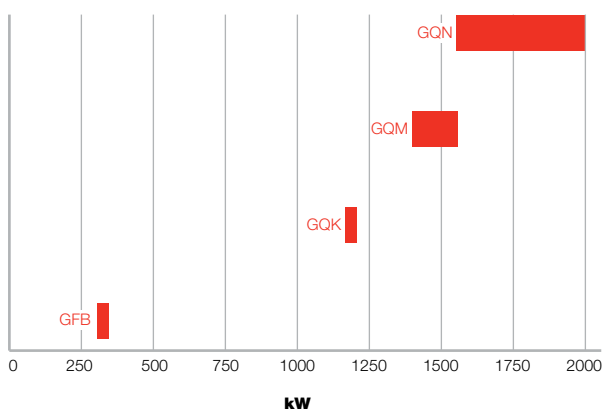
Control system

- PCS PowerCommand® Supervisor
- Microprocessor control
- Integrated voltage regulation
- Superior alternator and genset protection system
- Proven reliability
- HMI (touch screen)
- PLC

60Hz power outputs



50Hz power outputs



Lean-burn gas generator sets | Technical data

60 Hz	Genset Model	Engine Model	BMEP	Bore	Stroke	Capacity	Configuration	RPM
334 kWe	334GFBA	QSK19G	12.4 Bar(g)/ 180 psi	159 mm/ 6.2 in	159 mm/ 6.2 in	19 liters/ 1156 in ³	6 in-line	1800 rpm
1400 kWe	1400GQKA	QSK60G	16 Bar(g)/ 232 psi	159 mm/ 6.2 in	190 mm/ 7.48 in	60 liters/ 3683 in ³	16 V	1800 rpm
1250 kWe	1250GQNA	QSV91G	14 Bar(g)/ 203 psi	180 mm/ 7.09 in	200 mm/ 7.88 in	91 liters/ 5053 in ³	18 V	1200 rpm
1750 kWe	1750GQPB	QSV91G	16 Bar(g)/ 232 psi	180 mm/ 7.09 in	200 mm/ 7.88 in	91 liters/ 5033 in ³	18 V	1500 g/box rpm
2000 kWe	2000GQPC	QSV91G	18.2 Bar(g)/ 264 psi	180 mm/ 7.09 in	200 mm/ 7.88 in	91 liters/ 5033 in ³	18 V	1500 g/box rpm

50 Hz	Genset Model	Engine Model	BMEP	Bore	Stroke	Capacity	Configuration	RPM
315 kWe	315GFBA	QSK19G	14 Bar(g)/ 203 psi	159 mm/ 6.2 in	159 mm/ 6.2 in	19 liters/ 1156 in ³	6 in-line	1500 rpm
1160 kWe	1160GQKA	QSK60G	16 Bar(g)/ 232 psi	159 mm/ 6.2 in	190 mm/ 7.48 in	60 liters/ 5683 in ³	16 V	1500 rpm
1370 kWe	1370GQMA	QSV81G	14 Bar(g)/ 203 psi	180 mm/ 7.09 in	200 mm/ 7.88 in	81 liters/ 4472 in ³	16 V	1500 rpm
1570 kWe	1570GQMB	QSV81G	16 Bar(g)/ 232 psi	180 mm/ 7.09 in	200 mm/ 7.88 in	81 liters/ 4472 in ³	16 V	1500 rpm
1540 kWe	1540GQNA	QSV91G	14 Bar(g)/ 203 psi	180 mm/ 7.09 in	200 mm/ 7.88 in	91 liters/ 5033 in ³	18 V	1500 rpm
1750 kWe	1750GQNB	QSV91G	16 Bar(g)/ 232 psi	180 mm/ 7.09 in	200 mm/ 7.88 in	91 liters/ 5033 in ³	18 V	1500 rpm
2000 kWe	2000GQNC	QSV91G	18.2 Bar(g)/ 264 psi	180 mm/ 7.09 in	200 mm/ 7.88 in	91 liters/ 5033 in ³	18 V	1500 rpm

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