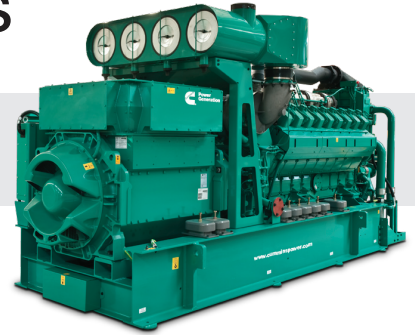


Lean-burn gas generator sets

> **1000–1400 kW** | QSK60G series

> **1250–2000 kW** | QSV91G series



Our energy working for you.™



**Power
Generation**

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

- Combined heat and power (CHP)
- Utility peaking
- Waste gases
- Prime power in remote areas

Cummins engine

- Heavy duty 4 cycle water cooled engine
- High fuel efficiency
- NOx exhaust emissions as low as 0.5g/hp-hr (250mg/Nm³)
- MCM700/SSM558 full authority electronic management
- Woodward PROACT actuator to drive throttle valve
- CENSE engine monitoring system

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

Lean-burn gas generator sets | Technical data

60 Hz

	Generator Set	Engine	BMEP	Bore	Stroke	Capacity	Configuration	RPM
1000 kWe	C1000N6C	QSK60G	17.3 Bar(g)/ 250 psi	159 mm/ 6.2 in	190 mm/ 7.48 in	60 liters/ 3683 in ³	16 V	1200 rpm
1100 kWe	C1100N6C	QSK60G	19 Bar(g)/ 276 psi	159 mm/ 6.2 in	190 mm/ 7.48 in	60 liters/ 3683 in ³	16 V	1200 rpm
1400 kWe	C1400N6C	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	C1250N6C	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	C1750N6C	QSV91G	16 Bar(g)/ 232 psi	180 mm/ 7.09 in	200 mm/ 7.88 in	91 liters/ 5053 in ³	18 V	1514 g/box rpm
2000 kWe	C2000N6C	QSV91G	18.2 Bar(g)/ 264 psi	180 mm/ 7.09 in	200 mm/ 7.88 in	91 liters/ 5053 in ³	18 V	1514 g/box rpm

50 Hz

	Generator Set	Engine	BMEP	Bore	Stroke	Capacity	Configuration	RPM
995 kWe	C995N5C	QSK60G	13.8 Bar(g)/ 200 psi	195 mm/ 6.2 in	190 mm/ 7.48 in	60 liters/ 3683 in ³	16 V	1500 rpm
1160 kWe	C1160N5C	QSK60G	16 Bar(g)/ 232 psi	195 mm/ 6.2 in	190 mm/ 7.48 in	60 liters/ 3683 in ³	16 V	1500 rpm
1200 kWe	C1200N5C	QSK60G	16.6 Bar(g)/ 240 psi	159 mm/ 6.2 in	190 mm/ 7.48 in	60 liters/ 3683 in ³	16 V	1500 rpm
1400 kWe	C1400N5C	QSK60G	19.4 Bar(g)/ 281 psi	195 mm/ 6.2 in	190 mm/ 7.48 in	60 liters/ 3683 in ³	16 V	1500 rpm
1540 kWe	C1540N5C	QSV91G	14 Bar(g)/ 203 psi	180 mm/ 7.09 in	200 mm/ 7.88 in	91 liters/ 5053 in ³	18 V	1500 rpm
1750 kWe	C1750N5C	QSV91G	16 Bar(g)/ 232 psi	180 mm/ 7.09 in	200 mm/ 7.88 in	91 liters/ 5053 in ³	18 V	1500 rpm
2000 kWe	C2000N5C	QSV91G	18.2 Bar(g)/ 264 psi	180 mm/ 7.09 in	200 mm/ 7.88 in	91 liters/ 5053 in ³	18 V	1500 rpm

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