

CUMMINS GENERATOR

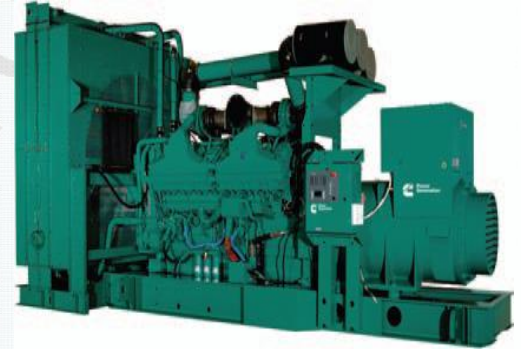
**Capacity: 1600kva-2500kva at 50Hz
1825KW-2250KW at 60HZ**

Engine Model: QSK60 series engine

Model	Standby Rating		Prime Rating	
	50Hz kVA (KW)	60 Hz kVA (KW)	50Hz kVA (KW)	60 Hz kVA (KW)
C1760 D5e	1760 (1408)	N/A	1600 (1280)	N/A
C2000 D5	2063 (1650)	N/A	1875 (1500)	N/A
C2000 D5e	2000 (1600)	N/A	1825 (1460)	N/A
C2250 D5	2250 (1800)	N/A	2000 (1600)	N/A
C2200 D5e	2200 (1760)	N/A	2000 (1600)	N/A
C2500 D5A	2500 (2000)	N/A	2250 (1800)	N/A
C2000 D6	N/A	2000 (2500)	N/A	1825 (2281)
C2250 D6A	N/A	2250 (2813)	N/A	N/A

Specification

Generator set specification	
Governor Regulation Class	ISO8528 G2
Voltage Regulation, No Load to Full Load	± 0.5%
Random Voltage Variation	± 0.5%
Frequency Regulation	Isochronous
Random Frequency Variation	± 1%
EMC Compatibility	BS EN 61000-6-4 / BS EN 61000-6-2
Engine Specifications	
Design	4 cycle, V-black, turbo Charged and low temperature after-cooled
Bore	158.8 mm (6.25 in.)
Stroke	190.0 mm (7.48 in.)
Displacement	60.2 liters (3673 in.3)
Cylinder Block	Cast iron, 60°V 18 cylinder
Battery Capacity	2200 amps at ambient temperature 0°F to 32°F (-18°C to 0°C)
Starting Voltage	24-volt, negative ground
Fuel System	Direct injection
Fuel Filter	Triple element, 10 micron filtration, spin on with fuel separator
Air Cleaner Type	Dry replaceable element
Lube Oil Filter Type(s)	Four spin-on, combination full flow and bypass filters
Standard Cooling System	104°F (40°C) ambient radiator
Alternator Specifications	
Design	Brushless, 4 pole, revolving field
Stator	2/3 pitch
Rotor	Direct coupled by flexible disc
Insulation System	Class H
Standard Temperature Rise	Rise 125° C Standby
Exciter Type	PMG (Permanent Magnet Generator)
Phase Rotation	A (U), B (V), C (W)
Alternator Cooling	Direct drive centrifugal blower fan
AC Waveform Total Harmonic Distortion	No load < 1.5%. Non distorting balanced linear load < 5%
Telephone Influence Factor (TIF)	<50% per NEMA MG1-22.43
Telephone Harmonic Factor (THF)	<3%



Standby Power

Standby power is defined as the maximum power available during a variable electrical power sequence, under the stated operating conditions, for which a generating set is capable of delivering in the event of a utility power outage or under test conditions for up to 500 hours of operation per year under average of 70% load. Overloading is not permissible.

Prime Power

Prime power is defined as being the maximum power which a generating set is capable of delivering continuously whilst supplying a variable electrical load. Average load should be 70%. The generator can be overloaded 10% for 1 hour per 12 hours.

*Note: Some options may not be available on all models.



2000 kVA Diesel Generator



5 MVA Transformer



VCB



ACB



Synchronized Electricity



Civil Construction



Over Head Crane