

## CUMMINS GENERATOR

**Capacity: 3000kVA-3325kVA at 50Hz  
2336KW-2500KW at 60HZ**

**Engine model: QSK78 series engine**

Model	Standby Rating		Prime Rating	
	50Hz kVA (KW)	60 Hz kVA (KW)	50Hz kVA (KW)	60 Hz kVA (KW)
<b>2660 DQLB</b>	3325 (2660)	N/A	3000 (2400)	N/A
<b>2500 DQLC</b>	N/A	2500 (3125)	N/A	2336 (2920)

### 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-block, turbo Charged and low temperature after-cooled
Bore	170 mm (6.69 in.)
Stroke	190 mm (7.48 in.)
Cylinder Block	Cast iron, 60°V 18 cylinder
Battery Capacity	2600 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)	Six spin-on, combination full flow and bypass filters
Standard Cooling System	Remote cooled configuration
Alternator Specifications	
Design	Brushless, 4 pole, revolving field
Stator	2/3 pitch
Rotor	Direct coupled by flexible disc
Insulation System	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	< 5% no load to full linear load. < 3% for any single harmonic
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