

# POWER YOUR FUTURE

## Cummins Generator LG200C

# 6LTAA8.9-G3

Prime Power: 200KW/250KVA

Standby Power: 220KW/275KVA



## GENERATING POWER SOLUTIONS

### Increased availability for new operations

Reliable, robust and versatile generator.  
Ready to deliver power for a next job.

### Increased uptime during operations

Once installed on the end-user-site, the generator will be ready to run: "peace of mind" operation.

### Reduced transport and installation costs

The compact and robust design with integrated transport features enables faster and safer transport and installation.

### Reduced service & maintenance costs

Longer service intervals.  
Quicker and more efficient service jobs.

### Premium resale value

Designed and built to last.

### SAFETY

- Operate safely in accordance with proper operation manual.
- To prevent trouble and accidents, perform daily and preventive maintenance checks without fail.

## Cummins Series

25KVA--2000KVA



# LONGKAI

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## Technical Data

LG200C

| Model                      |         | LG200C  |
|----------------------------|---------|---------|
| Rated prime power          | kva     | 250     |
| Rated standard power       | kva     | 275     |
| Rated voltage line to line | V       | 400/230 |
| Rated current              | A       | 361     |
| Maximun sound level        | dB(@7m) | ≤100    |

| Engine-DCEC Cummins       |                        |         |
|---------------------------|------------------------|---------|
| Model                     | 6LTAA8.9-G3            |         |
| Aspiration                | Turbo, Air/Air Cooling |         |
| Fuel system               | P7100 type             |         |
| No. cylinders             | 6 in line              |         |
| Displacement              | Liquid                 | 8.9     |
| Bore*Stroke               | mm                     | 114*145 |
| Compression ratio         | 16                     |         |
| Rated speed               | r/min                  | 1500    |
| Rated net power(with fan) | Kw                     | 230     |
| Governor type             | Electrical             |         |
| Start Motor               | V                      | 24      |

| Exhaust System    |        |     |
|-------------------|--------|-----|
| Exhaust gas flow  | m³/min | 584 |
| Exhaust gas temp  | °C     | 533 |
| Max back pressure | kPa    | 10  |

| Aspiration System  |        |     |
|--------------------|--------|-----|
| Max inlet pressure | kPa    | 100 |
| Combustion volume  | m³/min | /   |
| Air flow           | m³/min | 216 |

| Fuel System            |     |      |
|------------------------|-----|------|
| 100% load(Prime power) | L/h | 54.0 |
| 75% load(Prime power)  | L/h | 41.0 |
| 50% load(Prime power)  | L/h | 30.0 |
| Fuel tank capacity     | L   | 480  |

| Lubrication System     |       |         |
|------------------------|-------|---------|
| Oil capacity           | L     | 27.6    |
| Oil consumption        | g/kwh | 0.5     |
| Oil pressure           | kPa   | 103-414 |
| (continuous operation) |       |         |

| Cooling System             |    |       |
|----------------------------|----|-------|
| Coolant capacity           | L  | 11.1  |
| Thermostat operation range | °C | 82-95 |
| Max water temperature      | °C | 104   |

| Alternator         |                            |          |
|--------------------|----------------------------|----------|
| Model              | LONGKAI                    | LK274K   |
|                    | STAMFORD                   | UCDI274K |
| Phase              | 3                          |          |
| Voltage            | V                          | 400/230  |
| Wiring Type        | 3 Phase 4 wire, Y type     |          |
| Bearing            | 1                          |          |
| Power factor       | 0.8                        |          |
| Frequency          | Hz                         | 50       |
| Prime power        | KW                         | 200      |
| Exciter Type       | Brushless, self-excitation |          |
| Voltage regulation | %                          | ±0.5     |
| Protection Grade   | IP 23                      |          |
| Insulation grade   | H/H                        |          |
| Altitude           | m                          | ≤1000    |

| Controller-DEESEA  |            |
|--|------------|
| Model  | DSE6120MK3 |
| Protective functions:  |            |
| <ul style="list-style-type: none"> <li>■ Low oil pressure</li> <li>■ High water temperature</li> <li>■ High/low voltage</li> <li>■ High Engine Temperature and Overspeed.</li> <li>■ Voltage regulator frequency regulator</li> <li>■ Emergency stop</li> <li>■ Start failure</li> </ul> |            |



### Control Module Options



- Auto generator control module
- Control module with " Three Remote Control " functions
- ATS auto load transfer screen
- Synchronising control modules
- Power output cabinet

## Standard Features

- Engine(DCEC Cummins)
- Radiator 50°C max,fans are driven by bel
- 24V charge alternator
- Alternator: single bearing alternator IP23, insulation class H/H
- Standard auto control system
- One set of air filter, fuel filter, oil filter
- Main line circuit breaker/MCCB
- Base fuel tank
- Two 24V batteries, rac and cable
- Exhaust system(Ripple flex exhaust pipe, exhaust siphon, flange, muffler)
- User manual

## Options

- Battery charge
- Engine heater
- Alternator heater
- PMG
- Water oil separator
- Daily fuel tank
- Remote control panel
- Automatic transfer switch/ATS
- Switch box
- Standard: ● Options:○

## Warranty\*

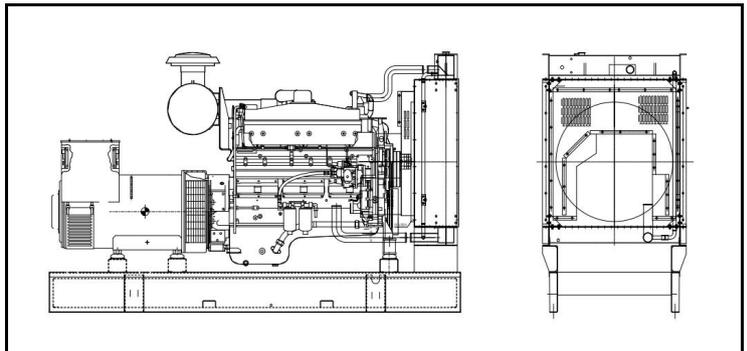
### Cummins Engine

12 months from date of purchase and 1000 hours.

### Generator

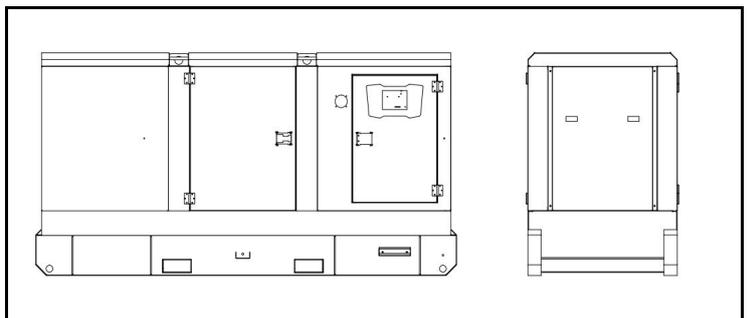
12 months from date of purchase or 1000 hours (whichever occurs first).

## Unit Dimensions(Basic unit)



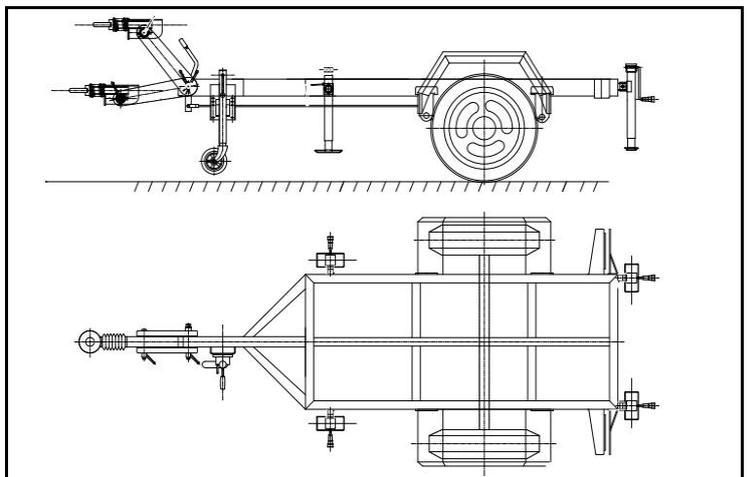
### Open Type

|        |    |                |
|--------|----|----------------|
| L*W*H  | mm | 2650*1000*1800 |
| Weight | kg | 1850           |



### Silent Type

|        |    |                |
|--------|----|----------------|
| L*W*H  | mm | 3530*1180*2150 |
| Weight | kg | 2900           |



### Trailer Option

|                    |    |               |
|--------------------|----|---------------|
| L*W*H              | mm | 4900*2100*950 |
| Max loading Weight | kg | 3300          |