

POWER YOUR FUTURE

SDEC Generator
LG200SC

SC9D340D2

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.

SDEC Series

60KVA--1100KVA



FUAN LONGKAI POWER CO.,LTD.

Headquarters:

Add: Wei 5 Road, Tiehu Industrial Zone, Fuan, Fujian, China

Tel: +86-0593-6309773 Fax: +86-0593-6586988

E-mail: sales@longkaipower.com

Web: www.longkaipower.com

Technical Data

| Model | LG200SC | |
|----------------------------|---------|---------|
| 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) | ≤96 |

Engine-SDEC

| Model | SC9D340D2 | |
|---------------------------|--|-----------|
| Aspiration | in line, 4 stroke, 4 valves, water cooled, pressurized and intermediate cooled | |
| Fuel system | P type | |
| No. cylinders | 6 in line | |
| Displacement | Liquid | 8.82 |
| Bore*Stroke | mm | 114*144 |
| Compression ratio | 16.5 : 1 | |
| Rated speed | r/min | 1500 |
| Rated net power(with fan) | Kw | 228 |
| Governor type | Electrical | |
| Start Motor | V | 24V×7.5kW |

Exhaust System

| | | |
|-------------------|---------------------|-----|
| Exhaust gas flow | m ³ /min | 41 |
| Exhaust gas temp | °C | 600 |
| Max back pressure | kPa | 6 |

Aspiration System

| | | |
|--------------------|---------------------|------|
| Max inlet pressure | kPa | 6 |
| Air flow | m ³ /min | 18.6 |
| Fan consumption | m ³ /s | 10 |

Fuel System

| | | |
|------------------------|-----|------|
| 100% load(Prime power) | L/h | 54.1 |
| 75% load(Prime power) | L/h | 40.8 |
| 50% load(Prime power) | L/h | 27.3 |
| Fuel tank capacity | L | 520 |

Lubrication System

| | | |
|------------------------|-------|----|
| Oil capacity | L | 25 |
| Oil consumption | g/kwh | / |
| Oil pressure | kPa | / |
| (continuous operation) | | |

Cooling System

| | | |
|----------------------------|----|-------|
| Coolant capacity | L | 12 |
| Thermostat operation range | °C | 82-93 |
| 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-DEEPSEA

| | |
|-------|------------|
| Model | DSE6120MK3 |
|-------|------------|

Protective functions:

- Low oil pressure
- High water temperature
- High/low voltage
- High Engine Temperature and Overspeed.
- Voltage regulator frequency regulator
- Emergency stop
- Start failure



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(SDEC)
- 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*

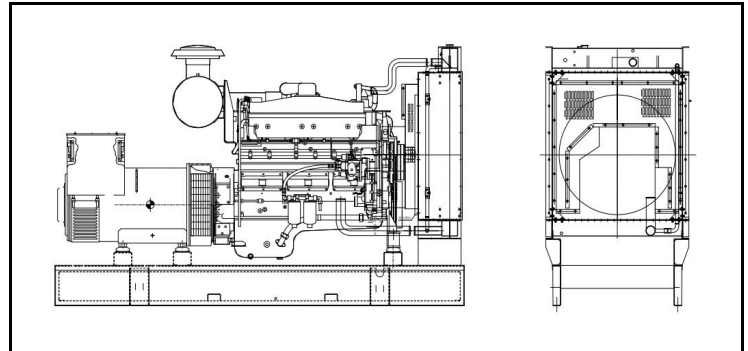
SDEC Engine

24 months from date of purchase and 3000 hours.

Generator

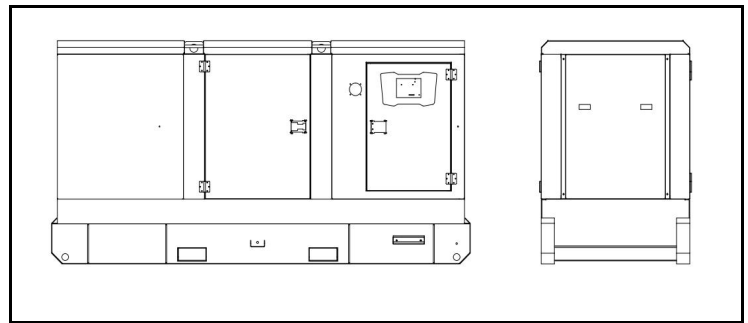
12 months from date of purchase or 1000 hours (whichever occurs first).

Unit Dimensions(Basic unit)



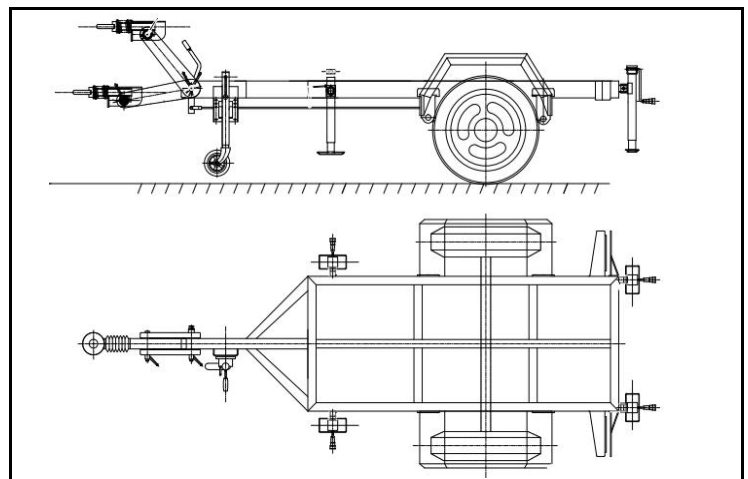
Open Type

| | | |
|--------|----|----------------|
| L*W*H | mm | 2850*1000*1720 |
| Weight | kg | 2200 |



Silent Type

| | | |
|--------|----|----------------|
| L*W*H | mm | 3888*1350*1950 |
| Weight | kg | 2600 |



Trailer Option

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