

POWER YOUR FUTURE

SDEC Generator
LG128SC

SC7H220D2

Prime Power: 128KW/160KVA
Standby Power: 140.8KW/176KVA



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



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Technical Data

LG128SC

Model		LG128SC
Rated prime power	kva	160
Rated standard power	kva	176
Rated voltage line to line	V	400/230
Rated current	A	231
Maximun sound level	dB(@7m)	≤96

Engine-SDEC		SC7H220D2
Model		SC7H220D2
Aspiration		<small>in line, 4 stroke, water cooled, 4 valves, pressurized and intermediate cooled</small>
Fuel system		P type
No. cylinders		6 in line
Displacement	Liquid	6.44
Bore*Stroke	mm	105*124
Compression ratio		16:1
Rated speed	r/min	1500
Rated net power(with fan)	Kw	150
Governor type		E
Start Motor	V	24V×6kW

Exhaust System		
Exhaust gas flow	m³/min	27.2
Exhaust gas temp	°C	600
Max back pressure	kPa	6

Aspiration System		
Max inlet pressure	kPa	6
Air flow	m³/min	12.2
Fan consumption	kw	9

Fuel System		
100% load(Prime power)	L/h	36.5
75% load(Prime power)	L/h	27.3
50% load(Prime power)	L/h	18.2
Fuel tank capacity	L	480

Lubrication System		
Oil capacity	L	17.5
Oil consumption	g/kwh	/
Oil pressure	kPa	/
(continuous operation)		

Cooling System		
Coolant capacity	L	9.6
Thermostat operation range	°C	82-95
Max water temperature	°C	104/110

Alternator		
Model	LONGKAI	LK274F
	STAMFORD	UCI274F
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	128
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"> ■ 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*

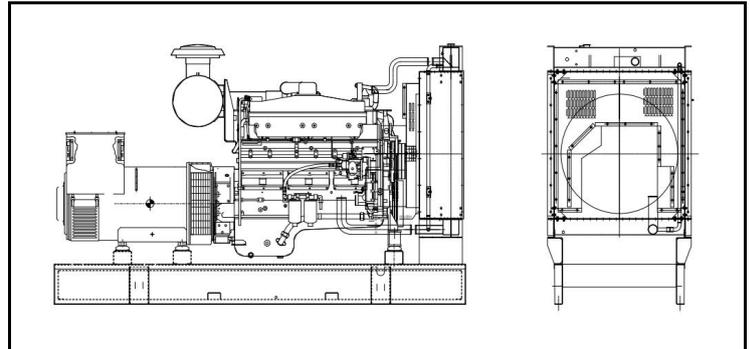
SDEC Engine

24 months from date of purchase and 3000 hours.

Generator

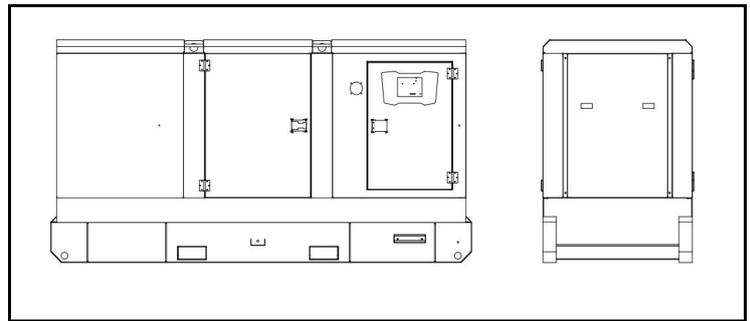
12 months from date of purchase or 1000 hours (whichever occurs first).

Unit Dimensions(Basic unit)



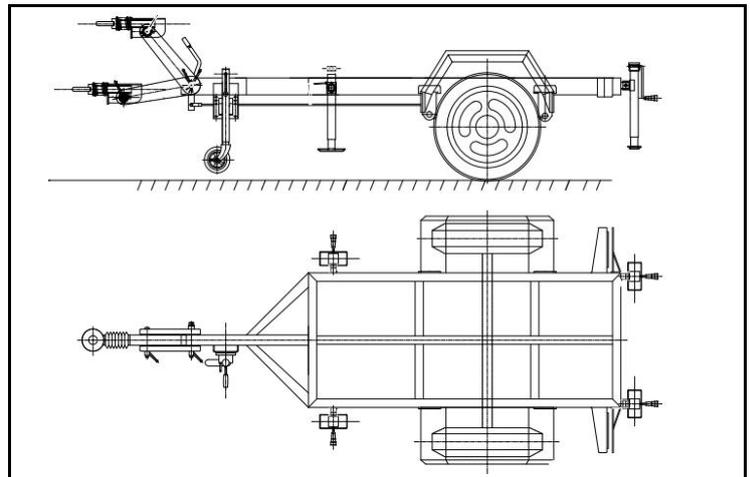
Open Type

L*W*H	mm	2450*950*1500
Weight	kg	1500



Silent Type

L*W*H	mm	3588*1180*2150
Weight	kg	2000



Trailer Option

L*W*H	mm	4400*1900*950
Max loading weight	kg	1800