

POWER YOUR FUTURE

SDEC Generator
LG600SD

6KTAA25-G32

Prime Power: 600KW/750KVA
Standby Power: 660KW/825KVA



SDEC Series

28KVA--1000KVA



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.

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Technical Data

Model		LG600SD
Rated prime power	kva	750
Rated standard power	kva	825
Rated voltage line to line	V	400/230
Rated current	A	1083
Maximun sound level	dB(@7m)	102

Engine-SDEC

Model		6KTAA25-G32
Aspiration	Inline, four stroke, water cooled, pressurized air cooled	
Fuel system	Electronically controlled common rail pump	
No. cylinders		6in line
Displacement	Liquid	25.18
Bore*Stroke	mm	170*185
Compression ratio		14.5:1
Rated speed	r/min	1500
Rated net power(with fan)	Kw	685
Governor type		ECU
Start Motor	V	24V×9kW

Exhaust System

Exhaust gas flow	m ³ /h	8330
Exhaust gas temp	°C	500
Max back pressure	kPa	10

Aspiration System

Max inlet pressure	kPa	11
Air flow	m ³ /h	3210
Fan consumption	KW	22

Fuel System

100% load(Prime power)	L/h	163
75% load(Prime power)	L/h	124
50% load(Prime power)	L/h	84
Fuel tank capacity	L	1450

Lubrication System

Oil capacity	L	70
Oil consumption	g/kwh	≤4
Lub. Method		/
(continuous operation)		

Cooling System

Coolant capacity	L	55
Thermostat operation range	°C	77-90
Max water temperature	°C	104

Alternator

Model	LONGKAI	LK634B
	STAMFORD LVI634B-S5L1D-H4	
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	600
Exciter Type		Brushless, self-excitation
Voltage regulation	%	±0.5
Protection Grade		IP 23
Insulation grade		H/H
Altitude	m	≤1000

Controller-DEESEA

Model	DSE6120MK3
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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*

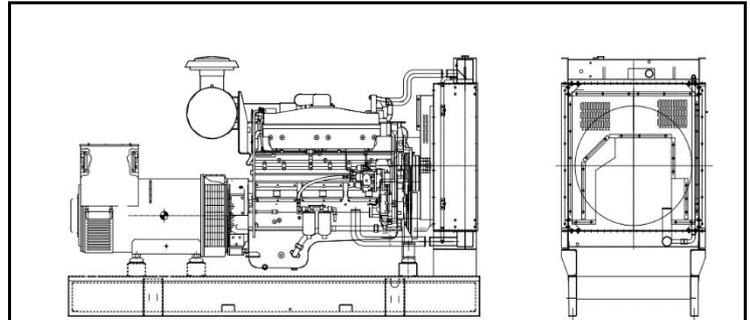
SDEC Engine

24 months from date of purchase and 3000 hours.

Generator

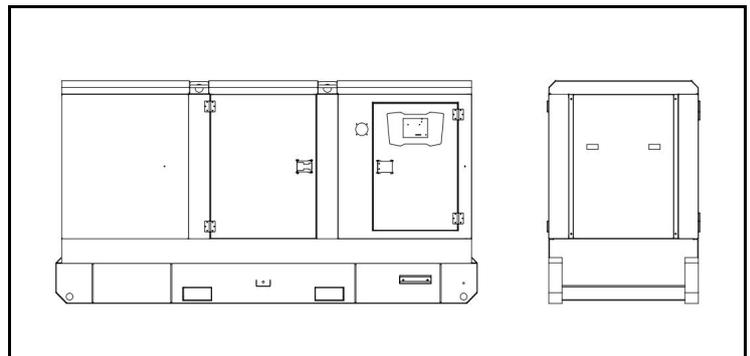
12 months from date of purchase or 1000 hours (whichever occurs first).

Unit Dimensions(Basic unit)



Open Type

L*W*H	mm	3600*1500*2060
Weight	kg	4706



Silent Type

L*W*H	mm	5680*2100*2500
Weight	kg	6700