## POWER YOUR FUTURE SDEC Generator LG160SD

## 6DTAA8.9-G21

Prime Power: 160KW/200KVA Standby Power: 176KW/220KVA

## SDEC Series



## **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

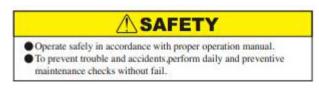
The compact and robust design with integrated transport features enables faster and safer

transport and installation.

## **Reduced service & maintenance costs**

Longer service intervals. Quicker and more efficient service jobs.

## **Premium resale value** Designed and built to last.



## FUAN LONGKAI POWER CO., LTD.

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## **Technical Data**

Model		LG160SD
Rated prime power	kva	200
Rated standard power	kva	220
Rated voltage line to line	V	400/230
Rated current	А	289
Maximun sound level	dB(@7m)	96

Engine-SDEC		
Model		6DTAA8.9-G21
Aspiration	our stroke, water coole	d, pressurized and medium cooled
Fuel system		"P" type
No. cylinders		6 in line
Displacement	Liquid	8.82
Bore*Stroke	mm	114*144
Compression ratio		18:1
Rated speed	r/min	1500
Rated net power(with fan)	Kw	185
Governor type		E
Start Motor	V	24V×7.5kW

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

# Aspiration SystemMax inlet pressurekPa6Air flowm³/min/Fan consumptionKW6

Fuel System		
100% load(Prime power)	L/h	44.1
75% load(Prime power)	L/h	32.8
50% load(Prime power)	L/h	22.8
Fuel tank capacity	L	480

Lubrication System		
Oil capacity	L	19
Oil consumption	g/kwh	≤4
Lub. Method		1
(continuous operation)		

## Cooling System

Cooling System			
Coolant capacity	L	12	
Thermostat operation range	°C	82-95	
Max water temperature	°C	104	

Alternator		
Model	LONGKAI	LK274H
	STAMFORD	UCI274H
Phase		3
Voltage	V	400/230
Wiring Type	3 Pha	ise 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	A Contraction of the second se	
Model		DSE6120MK3
Protective functions:		
Low oil pressure		
High water temperature		
High/low voltage		
High Engine Temperatur	•	ed.
	ncy regulator	
Voltage regulator freque		
Voltage regulator freque Emergency stop Start failure		



## **Control Module Options**

SmartGen Gennet Controller	InteliLite 9
A 80 8.012 A	
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Auto generator control module

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

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LG160SD



## **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

optiono		
Battery charge		$\bigcirc$
Engine heater		$\bigcirc$
Alternator heater		$\bigcirc$
PMG		$\bigcirc$
Water oil separator		$\bigcirc$
Daily fuel tank		$\bigcirc$
Remote control panel		$\bigcirc$
Automatic transfer switch/AT	S	$\bigcirc$
Switch box		$\bigcirc$
Standard: •	Options: o	

## Warranty\*

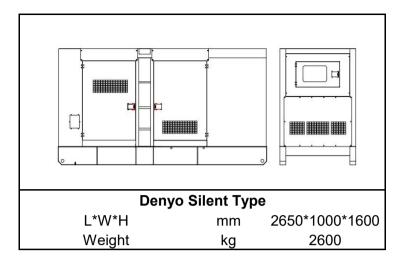
## **SDEC Engine**

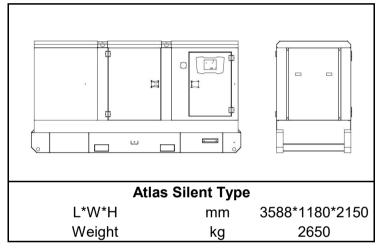
24 months from date of purchase and 3000 hours.

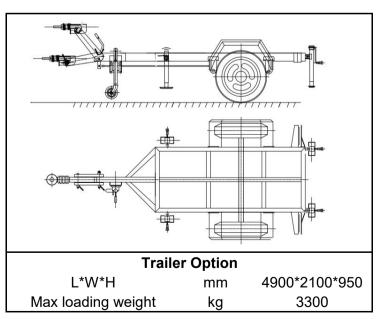
#### Generator

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

## Unit Dimensions(Basic unit)









More information, pls refer to our web-site: www.longkaipower.com

Manufacturer reserves the right to make changes in model, technical specification, color, equipment and accessories without notice.