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.



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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

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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*

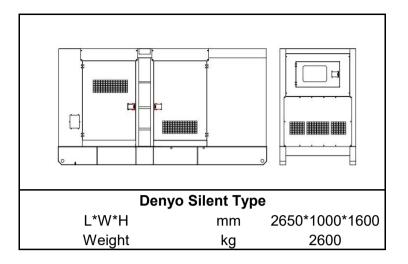
SDEC Engine

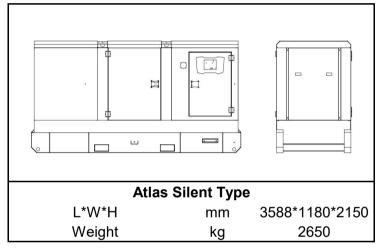
24 months from date of purchase and 3000 hours.

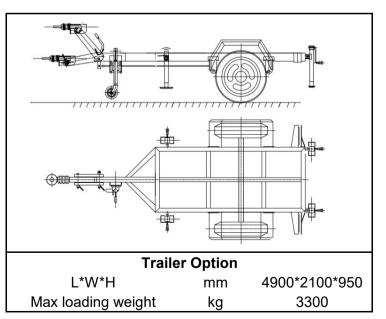
Generator

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.