

POWER YOUR FUTURE

SDEC Generator
LG360SD

6ETA12.8-G31

Prime Power: 360KW/450KVA
Standby Power: 396KW/495KVA



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

LG360SD

Model		LG360SD
Rated prime power	kva	450
Rated standard power	kva	495
Rated voltage line to line	V	400/230
Rated current	A	650
Maximun sound level	dB(@7m)	100

Engine-SDEC HDE		6ETAA12.8-G31
Model		6ETAA12.8-G31
Aspiration		<small>Inline, four strokes, four valves, water cooled, pressurized air cooled</small>
Fuel system		BOSCH
No. cylinders		6 in line
Displacement	Liquid	12.8
Bore*Stroke	mm	130*161
Compression ratio		17:1
Rated speed	r/min	1500
Rated net power(with fan)	Kw	401
Governor type		ECU
Start Motor	V	24V×5.5kW

Exhaust System		
Exhaust gas flow	m ³ /min	/
Exhaust gas temp	°C	600
Max back pressure	kPa	10

Aspiration System		
Max inlet pressure	kPa	6
Air flow	m ³ /min	/
Fan consumption	KW	15

Fuel System		
100% load(Prime power)	L/h	99.1
75% load(Prime power)	L/h	72.3
50% load(Prime power)	L/h	48.0
Fuel tank capacity	L	780

Lubrication System		
Oil capacity	L	36
Oil consumption	g/kwh	≤4
Lub. Method		/
(continuous operation)		

Cooling System		
Coolant capacity	L	23
Thermostat operation range	°C	82-95
Max water temperature	°C	104

Alternator		
Model	LONGKAI	LK544B
	STAMFORD	HCI544C-S4L1D-G41
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	330
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

