

# POWER YOUR FUTURE

## Baudouin Generator SL 1000

Prime Power: 800KW/1000KVA

Standby Power: 880W/1100KVA



### 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.



 <b>SAFETY</b>
<ul style="list-style-type: none"> <li>● Operate safely in accordance with proper operation manual.</li> <li>● To prevent trouble and accidents, perform daily and preventive maintenance checks without fail.</li> </ul>

## Technical Data

LG800C

Model		SL 1000
Rated prime power	kva	1000
Rated standard power	kva	1100
Rated voltage line to line	V	400/230
Rated current	A	1443
Maximum sound level	dB(@7m)	≤103

### Engine-Baudouin

Model		
Aspiration	Turbo, Water/Air cooling	
Fuel system	PT type	
No. cylinders	V 12	
Displacement	Liquid	37,8
Bore*Stroke	mm	159*159
Compression ratio	13,9	
Rated speed	r/min	1500
Rated net power(with fan)	Kw	880
Governor type	EFC Electrical	
Start Motor	V	24

### Exhaust System

Exhaust gas flow	L/s	3306
Exhaust gas temp	°C	513
Max back pressure	kPa	10

### Alternator

Model	12M33G1400/5	
	STAMFORD	LVI634E
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	KVA	1000
Exciter Type	Brushless, self-excitation	
Voltage regulation	%	±0.5
Protection Grade	IP 23	
Insulation grade	H/H	
Altitude	m	≤1000

### Controller-DEEPSEA

Model	DSE6120
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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

## Aspiration System

Max inlet pressure	kPa	6,23
Combustion volume	L/s	1213
Air flow	L/s	30425

## Fuel System

100% load(Prime power)	L/h	209
75% load(Prime power)	L/h	161
50% load(Prime power)	L/h	113
Fuel tank capacity	L	2000

(External Fuel Tank)

## Lubrication System

Oil capacity	L	135
Oil consumption	g/kwh	≤4
Oil pressure	kPa	310-448

(continuous operation)

## Cooling System

Coolant capacity	L	258
Thermostat operation range	°C	82-93
Max water temperature	°C	104

## Standard Features

- Engine(CCEC Cummins)
- Radiator 50°C max,fans are driven by belt
- 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,

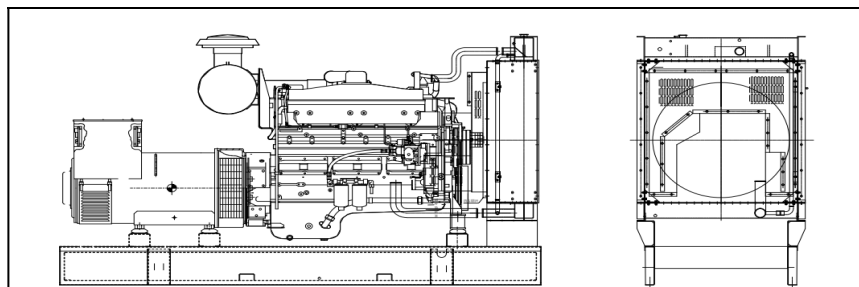


## Control Module Options



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

## Unit Dimensions(Basic unit)



Open Type

- 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\*

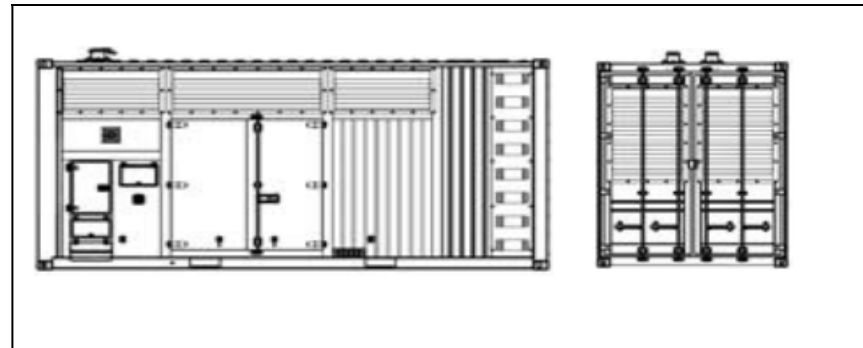
#### Cummins Engine

12 months from date of purchase and 1000 hours.

#### Generator

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

L*W*H	mm	4490*2060*2165
Weight	kg	7550



<b>Silent Type(Standard 20'ft container)</b>		
L*W*H	mm	6058*2438*2591
Weight	kg	13000