POWER YOUR FUTURE

Cummins Generator LG50C

4BTA3.9-G2-58KW

Prime Power: 52KW/65KVA

Standby Power: 57.2KW/71.5KVA



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.

ASAFETY

- Operate safely in accordance with proper operation manual.
- To prevent trouble and accidents perform daily and preventive maintenance checks without fail.

Cummins Series 25KVA--2000KVA



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Technical Data

LG50C

Model		LG50C
Rated prime power	kva	65
Rated standard power	kva	71.5
Rated voltage line to line	V	400/230
Rated current	Α	94
Maximun sound level	dB(@7m)	96

Engine-DCEC Cummins		
Model	4E	3TA3.9-G2-58KW
Aspiration	inter-cooling	
Fuel system		PB north oil pump
No. cylinders		4 in line
Displacement	Liquid	3.9
Bore*Stroke	mm	102*120
Compression ratio		17.3: 1
Rated speed	r/min	1500
Rated net power(with fan)	Kw	58
Governor type		Electronic speed
Start Motor	V	24

Exhause System		
Exhause gas flow	m³/min	134
Exhause gas temp	${}^{\mathbb{C}}$	548
Max back pressure	kPa	10

Aspiration System		
Max inlet pressure	kPa	/
Combustion volume	m³/min	1
Air flow	m³/min	59

Fuel System		
100% load(Prime power)	L/h	14.9
75% load(Prime power)	L/h	11.4
50% load(Prime power)	L/h	8.1
Fuel tank capacity	L	100

Lubrication System		
Oil capacity	L	10.9
Oil consumption	g/kwh	0.5
Oil pressure	kPa	207-345
(continuous operation)		

Cooling System		
Coolant capacity	L	7.9
Thermostat operation range	$^{\circ}\! \mathbb{C}$	82-95
Max water temperature	$^{\circ}\! \mathbb{C}$	104/110

Alternator		
Model	LONGKAI	LK224F
	STAMFORD	UCI224F
Phase		3
Voltage	V	400/230
Wiring Type	3 Pha	se 4 wire, Y type
Bearing		1
Power factor		8.0
Frequency	Hz	50
Prime power	KW	58
Exciter Type	Brushles	s, 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





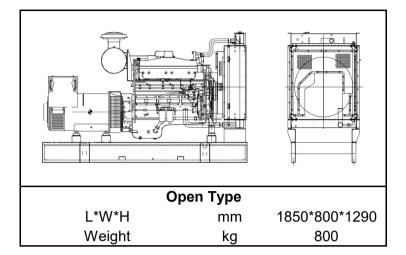
- ■Auto generator control module
- ■Control module with" Three Remote Control" functions
- ■ATS auto load transfer screen
- ■Synchronising control modules
- ■Power output cabinet



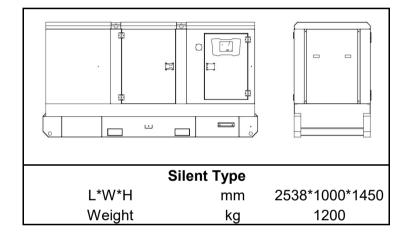
Standard Features

Engine(DCEC Cummins)
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 •

Unit Dimensions(Basic unit)



Options Battery charge \bigcirc Engine heater \bigcirc Alternator heater 0 **PMG** \bigcirc Water oil separator \bigcirc Daily fuel tank \bigcirc Remote control panel \bigcirc Automatic transfer switch/ATS \bigcirc Switch box Standard: • Options:0



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).

