

POWER YOUR FUTURE

Cummins Generator

LG1365C

KTA50-G9

Prime Power: 1365KW/1705KVA

Standby Power: 1500KW/1875KVA



Cummins 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.

SAFETY

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

Technical Data

LG1365C

Model	LG1365C	
Rated prime power	kva	1705
Rated standard power	kva	1875
Rated voltage line to line	V	220/127
Rated current	A	44787
Maximun sound level	dB(@7m)	≤103

Engine-DCEC Cummins

Model	KTA50-G9	
Aspiration	Turbo, Water/Air cooling	
Fuel system	PT type	
No. cylinders	V 16	
Displacement	Liquid	50.3
Bore*Stroke	mm	159*159
Compression ratio	13.9	
Rated speed	r/min	1800
Rated net power(with fan)	Kw	1384
Governor type	EFC Electrical	
Start Motor	V	24

Exhaust System

Exhaust gas flow	L/s	4011
Exhaust gas temp	°C	525
Max back pressure	kPa	7

Aspiration System

Max inlet pressure	kPa	6.23
Combustion volume	L/s	1646
Air flow	L/s	30425

Fuel System

100% load(Prime power)	L/h	289
75% load(Prime power)	L/h	216
50% load(Prime power)	L/h	145
Fuel tank capacity	L	2000
		(External Fuel Tank)

Lubrication System

Oil capacity	L	177
Oil consumption	g/kwh	≤4
Oil pressure	kPa	345-483
		(continuous operation)

Cooling System

Coolant capacity	L	300
Thermostat operation range	°C	82-93
Max water temperature	°C	104

Alternator

Model	LK734A	
	STAMFORD	LVI734A
Phase	3	
Voltage	V	220/127
Wiring Type	3 Phase 4 wire, Y type	
Bearing	1	
Power factor	0.8	
Frequency	Hz	60
Prime power	KVA	1700
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



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(CCEC 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

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*

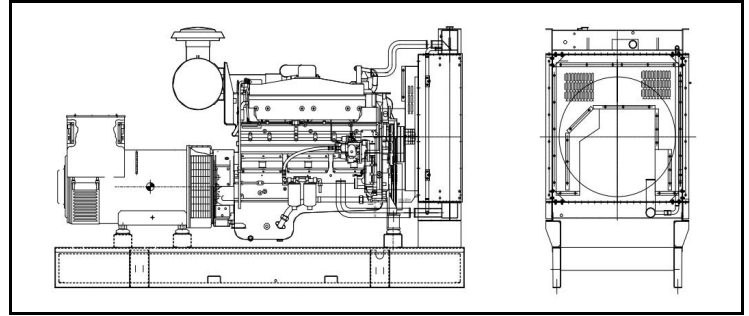
Cummins Engine

12 months from date of purchase and 1000 hours.

Generator

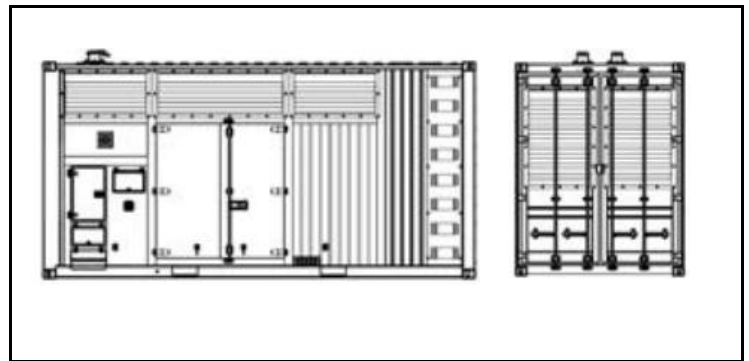
12 months from date of purchase or 1000 hours (whichever occurs first).

Unit Dimensions(Basic unit)



Open Type

L*W*H	mm	4989*2080*2282
Weight	kg	9800



Silent Type(Standard 40'ft container)

L*W*H	mm	12192*3438*2591
Weight	kg	18250