

POWER YOUR FUTURE

Cummins Generator LWG800C

KTA38-G5

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.

SAFETY

- 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

Technical Data

Model		LWG800C
Rated prime power	kva	1000
Rated standard power	kva	1100
Rated voltage line to line	V	400/230
Rated current	A	1443

Alternator		
Model		
	STAMFORD	LVI634E
Phase		3
Voltage	V	400/230

Maximun sound level dB(@7m) ≤103

Engine-DCEC Cummins

Model	KTA38-G5	
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

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 be
- 24V charge alternator
- Alternator: single bearing alternator IP23, insulation class H/H

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

Protective functions:

- Low oil pressure
- High water temperature
- High/low voltage
- High Engine Temperature and Overspeed.
- Voltage regulator frequency regulator
- Emergency stop
- Start failure

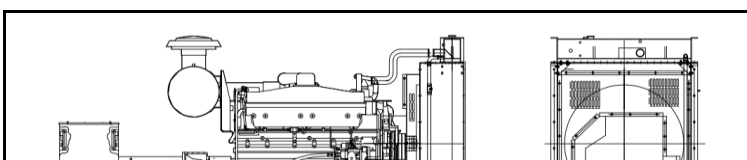


Control Module Options

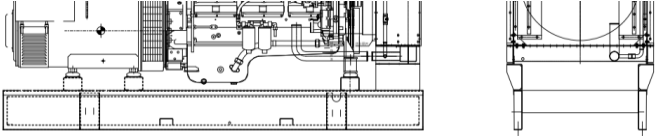


- Auto generator control module
- Control module with " Three Remote Control" functions
- ATS auto load transfer screen
- Synchronising control modules
- Power output cabinet

Unit Dimensions(Basic unit)



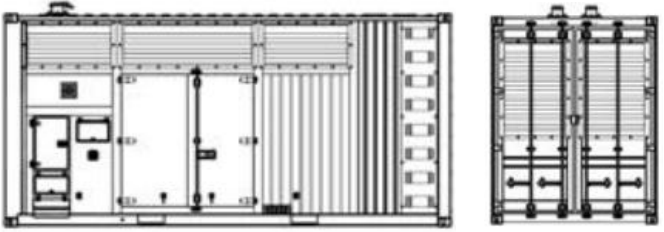
- Standard auto control system
- One set of air filter, fuel filter, oil filter
- Main line circuit breaker/MCCB
- Base fuel tank
- Two 24V batteries, rac and cable
- Exhaust system(Ripple flex exhaust pipe, exhaust siphon, flange, muffler)
- User manual



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

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: ○



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

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).