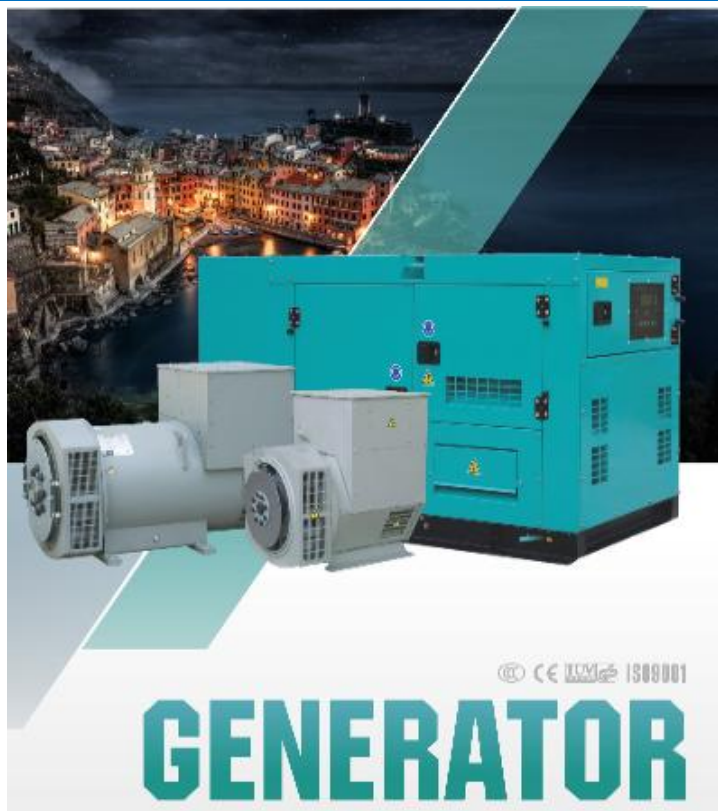


# Cummins Generator GF-C500

## KTA19-G4

Prime Power : 450KW/562KVA

Standby Power: 500KW/625KVA



### GENERATING POWER SOLUTIONS

#### Increased availability for new operation

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 job.

#### Premium resale value

Designed and built to last.

## Cummins Series

25KVA-2000KVA



## Technical Data

Model		GF-C500
Rated prime power	kva	562
Rated standby power	kva	625
Rated voltage line to line	V	220
Rated current	A	1473
Maximun sound level	dB(@7m)	≤100

### Engine-Cummins

Model	CCEC	KTA19-G4
Air intake system	Turbo and water/air cooled	
Fuel injection system	PT type	
No.Cylinders	6 in line	
Displacement	Liquid	19L
Bore*Stroke	mm	159*159
Compression ratio	13.9:1	
Rated speed	r/min	1800
Rated net power(with fan)	Kw	563
Governor type	EFC electrical	
Start Motor	v	24

### Exhaust System

Exhaust gas flow	L/s	1862
Exhaust gas temp	°C	483
Max back pressure	kPa	10

### Air Intake System

Max intake restriction	kPa	6.23
Air flow	L/s	716

### Fuel System

100% load(Prime power)	L/h	113.6
75% load(Prime power)	L/h	85
50% load(Prime power)	L/h	56
Fuel tank capacity	L	880

### Lubrication System

Total system oil capacity	L	50
Oil consumption	g/kwh	≤4
Min oil pressure (continuous operation)	Kpa	345-483

### Cooling System

Total coolant capacity	L	106
Thermostat	°C	82-93
Max top tank temperature	°C	104

GF-C500

### Alternator

Model	544D
	STAMFORD HCI544D
Phase	3
Voltage	V 220
Wiring Type	3 Phase 4 wire, Y type
Bearing	1
Power factor	0.8
Frequency	HZ 60
Prime power	KVA 625
Exciter Type	Brushless,self-excitation
Voltage regulation	% ±0.5
Protection Grade	IP23
Insulation grade	H
Altitude	m ≤1000

### Controller-Smartgen

Model	6110
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Protective fuctions:

- Low oil pressure
- High water temperature
- High/low voltage
- High engine temperature and overspeed
- Voltage regulator frequency regulator
- Emergency stop
- Start failure



### Controller Module Options



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

### Standard Features

Engine(CCEC CUMMINS) ●  
Radiator 50°C,fans are driven by belt ●  
24V charger 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 12V batteries ,rac and cable ●  
Exhaust system(Ripple flex exhaust pipe exhaust siphon,flange,muffler) ●  
User Manual ●

### Options

battery charger ○  
engine heater ○  
Alternator heater ○  
PMG ○  
Water oil seperator ○  
Daily Fuel tank ○  
Remote control swith/ATS ○  
Switch box ○

Standard: ● Options: ○

### Warranty

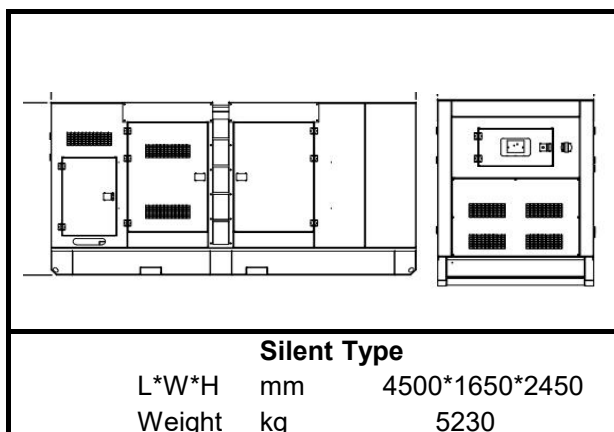
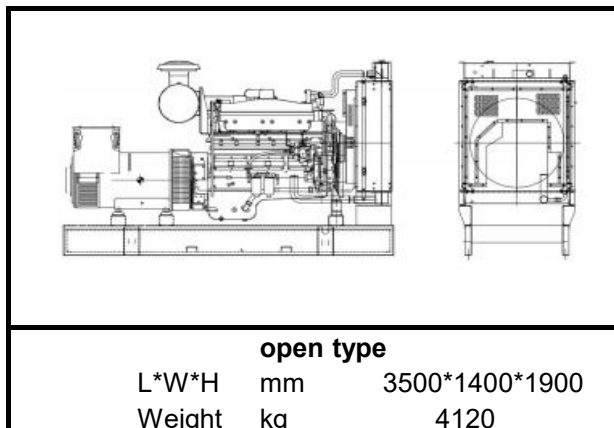
#### CCEC Cummins Engine

12 months from date of purchase and 1000 hours.

#### Generator

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

### Unit Dimensions(basic unit)



More information,please contact to us.

Manufacture reserves the right to make changes in model,technical specification,color,equipment and accessories without notice.