

## Model:DB-1340GF Powered by Cummins

Applicable Standards	Factory Inspection
ISO9001	Complete design and quality inspection
ISO14001	<b>0</b> %, 25%, 50%, 75%, 100%, 110% load test
ISO45001	Function test
CE	
1340KW 1675KY	VA Diesel Generator Set Specifications
Genset model	DB-1340GF
Prime power	1340kW
	1675kVA
Standby power	1500kW

	1875kVA	
Rated voltage(V)	400/230 (customizable)	
Rate current(A)	2412	
Power factor	0.8	
Frequency(Hz)	50	
Speed(rpm)	1500	
Phase:	3 phase 4 wire	
Noise level:	105dB at 7m ( open type diesel genset)	
	90dB at 7m(silent type diesel genset)	

#### **Environmental Conditions**

Ambient temperature:  $+5^{\circ}$  C~ $+40^{\circ}$  C

Altitude: ≤1000m

Remark: If your conditions are different from the above, please contact our sales.

Туре	Dimensions(mm) L*W*H	Weight(kg)	Base bottom fuel tank (Liter)
Open Type	5200*2250*2500	12000	Without
Silent Type	9000*2900*3200	18000	8 hours

Remark: The dimensions and weight of the above diesel generator set are for reference only, and the specific dimensions and weight of the genset after production completion shall prevail.



# **Engine Specifications**

Manufacturer	Chongqing Cummins Engine Co.,Ltd
Model	KTA50-G15X
Engine output-prime	1491kW
Engine output-standby	1656kW
Frequency:	50Hz
Speed:	1500rpm
Cylinders no. & Type:	16 cylinders, V-type 4 stroke, diesel engine, water-cooled
Aspiration:	Turbocharged and Low Temperature Aftercooled
Bore*stroke	159*159mm
Displacement	50.3L
Compression Ratio	13.9:1
Governor	Electronic speed governor
Starter motor voltage:	24V DC
Type Injection System:	Direct injection Cummins PT
Maximum Oil Temperature	121℃
Total Oil System Capacity	204.4L
Cooling way	Water Radiator & fan
Coolant Capacity-engine only	122L
Standard Thermostat	82-93 °C
Fuel consumption- continuous power(100%)	195g/kW.h
Fuel consumption-prime power (100%)	195g/kW.h
Fuel consumption-prime power (75%)	198g/kW.h
Fuel consumption-prime power (50%)	204g/kW.h
Fuel consumption-prime power (25%)	191g/kW.h

Heavy duty diesel engine

Anti-vibration mount

- Replaceable fuel filter, oil filter & air filter
- Cooling radiator and fan

Starter battery (with lead acid, free-maintenance)

Flexible fuel connection hoses

- Exhaust silencer and bellows
- Operation manuals and circuit diagram documents

### Alternator Specifications

Alternator brand optional	Stamford/Leroy Somer/Marathon/ENGGA	
Rated Voltage(V)	400/230	
Output way	3 phase 4 wire	
Rated power factor	0.8	
Exciter	Brushless, Self-exciter	
Wire connecting method	Y type, 3 phase 4 wire	
Max voltage regulation	$\pm 1\%$	
Protection class	IP23	
Insulation class	Н	
Rotor:	Single/double bearing	
Efficiency:	95%	
Regulator:	AVR	
Recovery time(Tr)	1s	
Waveform : TIF	<50	
Waveform : THF	<2%	
Overload	110% rated load for 2 hour per 24 hour	

**Control System** 

#### Model:SmartGen HGM6110(optional Deep Sea)

**Origin: China** 

**Automatic controller** 

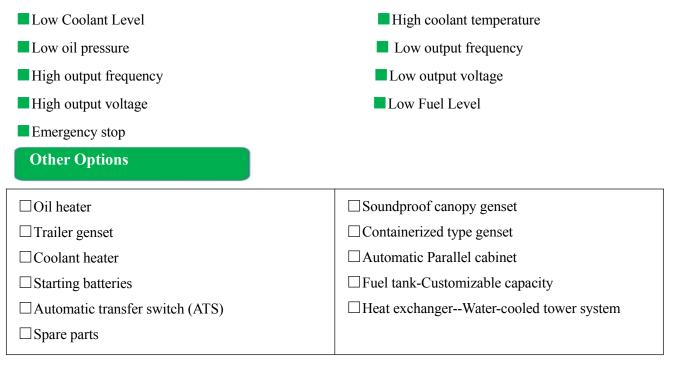


Operating Environment		
Operating temperature:	-25°C~70°C	
Relative humidity:	95%	
Operating voltage:	DC24V(range: 8-35V)	

#### **Product Features:**

HGM6110 series automatic controller, integrating digital, intelligent and network techniques, is used for automatic control and monitoring system of genset. It can carry out functions of automatic start/stop, data measurement, alarm protection and three "remote" (remote control, remote measure and remote communication). The controller uses LCD display, optional display interface including Chinese, English, Spanish, Russian, Portuguese, Turkey, Polish and French with easy and reliable operation.

#### Below shut down causes are included:



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