

Model:DB-26GF Powered by Weichai



Applicable Standards

- ISO9001
- ISO14001
- ISO45001
- CE

Factory Inspection

Complete design and quality inspection

- 0%, 25%, 50%, 75%, 100%, 110% load test
- Function test

26KW 33KVA Diesel Generator Set Datasheet		
Genset model	DB-26GF	
Prime power	26kW	
-	33kVA	
Standby power	31kW	
	39kVA	
Rated voltage(V)	400/230 (customizable)	
Rate current(A)	47A	
Power factor	0.8	
Frequency(Hz)	50	
Speed(rpm)	1500	
Phase:	3 phase 4 wire	
Noise level:	105dB at 7m (open type diesel genset)	
	75dB at 7m(silent type diesel genset)	

Environmental Conditions

Ambient temperature: $+5^{\circ}$ C~+40° 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	1600*760*1200	620	Without
Silent Type	2200*940*1530	1160	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	Weichai
Model	WP2.3D33E200
Engine output-prime	30kW
Engine output-standby	33kW
Frequency:	50Hz
Speed:	1500rpm
Cylinders no. & Type:	4 cylinders, Inline, 4 stroke, diesel engine,
	water-cooled
Aspiration:	Supercharged non-intercooled
Bore*stroke	89*92mm
Displacement	2.3L
Compression Ratio	17.5:1
Governor	Electronic speed governor
Starter motor voltage:	12V DC
Type Injection System:	direct injection
Oil pan capacity:	8L
Cooling way	Water Radiator & fan
Coolant capacity of the engine:	5L
Thermostat opening temperature/full open temperature	72/82°C
Max. restriction at fuel pump inlet	70kPa
Max. fuel inlet temperature	50°C
Min. pressure of fuel pump	200kPa

Heavy duty diesel engine

- Anti-vibration mount
- Replaceable fuel filter, oil filter & air filter
- Flexible fuel connection hosesExhaust silencer and bellows
- Cooling radiator and fan
- Operation manuals and circuit diagram documents

Starter battery (with lead acid, free-maintenance)

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	±1%
Protection class	IP23
Insulation class	Н
Temperature rise grade:	Н
Rotor:	Single/double bearing
Efficiency:	95%
Regulator:	AVR
Recovery time(Tr)	1s
Waveform : TIF	<50
Waveform : THF	<2%
Туре:	Synchronous alternator
Overload	110% rated load for 2 hour per 24 hour

Control System

Model:SmartGen HGM6110(optional Deep Sea)

Origin: China

Automatic controller

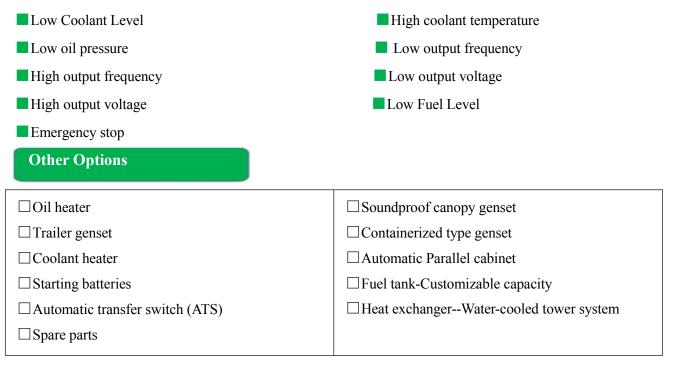


Operating Environment		
Operating temperature:	-25°C~70°C	
Relative humidity:	95%	
Operating voltage:	DC24V(range: 8-35V)	

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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