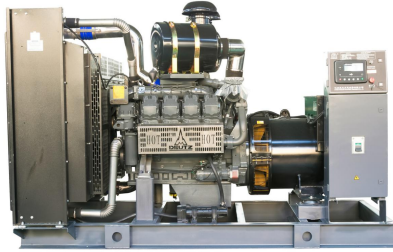




# Model:DB-360GF

Powered by Cummins



### Applicable Standards

- ISO9001
- ISO14001
- ISO45001
- CE

### Factory Inspection

- Complete design and quality inspection
- 0%, 25%, 50%, 75%, 100%, 110% load test
- Function test

360KW 450KVA Diesel Generator Set Specifications	
Genset model	DB-360GF
Prime power	360 kW
	450 kVA
Standby power	396 kW
	495 kVA
Rated voltage(V)	400/230 (customizable)
Rate current(A)	648A
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° C~+40° C
- Altitude: ≤1000m
- Remark: If your conditions are different from the above, please contact our sales.

Type	Dimensions(mm) L*W*H	Weight(kg)	Base bottom fuel tank (Liter)
Open Type	3350×1690×2130	3700	Without
Silent Type	4300×2100×2350	4500	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

<b>Manufacturer</b>	<b>DEUTZ</b>
<b>Model</b>	TCD13.0G1
Engine output-prime	395 kW
Engine output-standby	435 kW
Frequency:	50Hz
Speed:	1500rpm
Cylinders no. & Type:	6 cylinders
Aspiration:	Naturally Aspirated
Bore*stroke	131*160mm
Displacement	12.94 L
Compression Ratio	19:1
Governor	Electronic speed governor
Starter motor voltage:	24V DC
Type Injection System:	direct injection
Maximum Oil Temperature	121 °C
Cooling way	Water Radiator & fan
Coolant capacity (engine)	20L
Standard Thermostat	83-95 °C
Fuel consumption-prime power (110%)	96.93 L/h
Fuel consumption-prime power (100%)	85.71 L/h
Fuel consumption-prime power (75%)	66.56 L/h
Fuel consumption-prime power (50%)	43.60 L/h
Fuel consumption-prime power (25%)	24.32 L/h
<ul style="list-style-type: none"> <li>■ Heavy duty diesel engine</li> <li>■ Anti-vibration mount</li> <li>■ Replaceable fuel filter, oil filter &amp; air filter</li> <li>■ Cooling radiator and fan</li> </ul>	<ul style="list-style-type: none"> <li>■ Starter battery (with lead acid,free-maintenance)</li> <li>■ Flexible fuel connection hoses</li> <li>■ Exhaust silencer and bellows</li> <li>■ Operation manuals and circuit diagram documents</li> </ul>

## 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	H
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:

- Low Coolant Level
- Low oil pressure
- High output frequency
- High output voltage
- Emergency stop
- High coolant temperature
- Low output frequency
- Low output voltage
- Low Fuel Level

### Other Options

<input type="checkbox"/> Oil heater <input type="checkbox"/> Trailer genset <input type="checkbox"/> Coolant heater <input type="checkbox"/> Starting batteries <input type="checkbox"/> Automatic transfer switch (ATS) <input type="checkbox"/> Spare parts	<input type="checkbox"/> Soundproof canopy genset <input type="checkbox"/> Containerized type genset <input type="checkbox"/> Automatic Parallel cabinet <input type="checkbox"/> Fuel tank-Customizable capacity <input type="checkbox"/> Heat exchanger--Water-cooled tower system
--	--

### Guangxi Dingbo Power Equipment Manufacturing Co.,Ltd

Add: No. 10, Kechuang Road, High-tech Zone, Nanning, Guangxi, China

Tel: +86 13481024441

Fax: +86 771 5805 259

Web: www.dbdieselgenerator.com

Email: dingbo@dieselgeneratortech.com