



# GF2 SERIES

## SINGLE/THREE- PHASE DIESEL GENERATING SET 系列单/三相柴油发电机组

GF2 generating sets are coupled with the well-known brand throughout the world according with the various range of the power, 100-150kW is coupled with VOLVO diesel engine. In the high power, it is coupled with CUMMINS diesel engine. We can design for consumer user requirement.

### Application

This gen-sets series has been extensively utilized as a standby power supply by post and telecommunication institutes, banks, stock exchange centers, airports, hospitals, hotels, commercial buildings, and factories. It can also be applied as a prime power supply for ships, mines, and armies, as well as highway construction and other wild rugged environment.

### Main Usage

1. Power source for lighting in towns or countryside, and for operating everyday electric apparatus such as TV, air conditioners, coolers, cookers, refrigerators and washing machines, etc.
2. Power source for lighting in open air working places and for running such machines as drillers, electric motors, grinders, water pumps, etc.
3. Stand by power source for the main circuit of hospital, bank, large buildings, broadcast stations and TV car, etc.

### Operating Conditions

Ambient temperature:  $-15^{\circ}\text{C} \leq \leq 40^{\circ}\text{C}$   
Above sea level: not exceed 1000m  
Rated voltage:  $\pm 5\%$

## ▶ ¼ ¼ Ê ò ² TECHNICAL DATA

Model		GF-200	GF-250	GF-280	GF-300	GF-330	GF-360	
Engine	Engine Model	G6121ZLD01	NTA855-G2	NTA855-G24	NTAA855-G7	NTAA855-G74	KTA19-G3	
	Rated output(kw)	227	283	317	343	350	403	
	Speed(r/min)	1500/1800 r/min						
	Starting method	Electric starting						
	Governing method	Electronical						
	Cylinder numbers	6						
	Fuel consumption	≤225.5			≤206			
	Cooling Starting Method	Closed water cooled/electric starting						
	Type	Water cooling, in-line ,four-stroke, humid cylinder liner, direct injection						
Generator	Model	TFW2-200	TFW2-250	TFW2-280	TFW2-300	TFW2-330	TFW2-360	
	Rated output(kw)	200	250	280	300	330	360	
	Rated Voltage(V)	400V						
	Rated Current(A)	360	450	504	540	594	648	
	Frequency(HZ)	50/60						
	Power Factor	0.8Lagging						
	Rated speed(r/min)	1500						
	Excitation	Brushless Excitation						
	Voltage Regulation	A.V.R						
	Volt. adjust(%)	1						
GFS	Weight(kg)	3850	5590	5590	4840	4840	4950	
	Packing Size LXWXH(cm)	390x156x210	423x156x216	423x156x216	429x156x228	429x156x228	541x176x246	
GF2	Weight(kg)	3500	4300	4300	4400	4400	4500	
	Packing Size LXWXH(cm)	300x100x175	325x120x180	325x120x180	330x120x190	330x120x190	416x135x205	

## ▶ ¼ ¼ Ê ò ² TECHNICAL DATA

Model		GF-400	GF-500	GF-600	GF-800	GF-1000	
Engine	Engine Model	KTA19-G4	KTA19-G6A	KTA38-G2	KTA38-G5	KTAA38-G7	
	Rated output(kw)	448	550	664	880	1100	
	Speed(r/min)	1500/1800 r/min					
	Starting method	Electric starting					
	Governing method	Electronical					
	Cylinder numbers	6					
	Fuel consumption	≤206			≤200		
	Cooling Starting Method	Closed water cooled/electric starting					
	Type	Water cooling, in-line ,four-stroke, humid cylinder liner, direct injection					
Generator	Model	TFW2-400	TFW2-500	TFW2-600	TFW2-800	TFW2-1000	
	Rated output(kw)	400	500	600	800	1000	
	Rated Voltage(V)	400V					
	Rated Current(A)	720	900	1080	1440	1800	
	Frequency(HZ)	50/60					
	Power Factor	0.8Lagging					
	Rated speed(r/min)	1500					
	Excitation	Brushless Excitation					
	Voltage Regulation	A.V.R					
	Volt. adjust(%)	1					
GFS	Weight(kg)	4950	6270	8690	9350	11220	
	Packing Size LXWXH(cm)	541x176x246	541x176x246	650x247x317	650x247x317	715x247x322	
GF2	Weight(kg)	4800	5700	7900	8500	10200	
	Packing Size LXWXH(cm)	416x135x205	416x135x205	500x190x264	500x190x264	550x190x268	