



GFS SERIES

LOW NOISE THREE-PHASE DIESEL GENERATING SETS 系列三相低噪音柴油发电机组

GFS series generating sets consist with well-known diesel engine and generator, which are well designed from an advanced international technology. They possess the advantages, such as advanced design, compact construction, low noise, easy maintenance, etc. They are applied in many places such as telecom, bank, mansion, airport where noise pollution are prohibited.

Environmental Conditions

Under the following conditions, the generating sets could continuously run for 12 hours and output the rated power:

Above sea level: not exceed 1000m

Cooling air temperature: 298K(25°C)

Relative air damping: 30%

When the environments the generating sets located have some difference, the output power should be corrected according to the relative standard.

▶ ¼¼Êõ² TECHNICAL DATA

Model		GF-10	GF-12	GF-15	GF-20	GF-24	GF-28	GF-30	GF-36	
Engine	Engine Model	295AD	2100AD	395AD	3100AD	495AD	4100AD	495AZD	SNH4100ZD	
	Rated output(kw)	13.8	15.3	20.6	23.2	28	31	34.3	40	
	Speed(r/min)	1500/1800 r/min								
	Starting method	Electric starting								
	Governing method	Machanical								
	Cylinder numbers	2		3			4			
	Fuel consumption	≤257		≤254			≤251.6		≤242	
	Cooling Starting Method	Closed water cooled/electric starting								
	Type	Water cooling, in-line ,four-stroke, humid sylinder liner, direct injection								
Model		TFW2-10	TFW2-12	TFW2-15	TFW2-20	TFW2-24	TFW2-28	TFW2-30	TFW2-36	
Generator	Rated output(kw)	10	12	15	20	24	28	30	36	
	Rated Voltage(V)	400V								
	Rated Current(A)	18.1	21.7	27.1	36.1	43.3	50.7	54.1	65.2	
	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)	660	682	750	781	825	1012	858	1045	
	Packing Size LXWXH(cm)	208x94x132	208x94x132	221x94x144	221x94x144	234x94x150	247x94x156	260x97x150	260x97x150	
GF2	Weight(kg)	600	620	680	710	750	780	920	950	
	Packing Size LXWXH(cm)	160x72x110	160x72x110	170x72x120	170x72x120	180x72x125	200x75x125	190x72x130	200x75x125	

▶ ¼¼Êõ² TECHNICAL DATA

Model		GF-40	GF-50	GF-75	GF-100	GF-110	GF-120	GF-140	GF-180	
Engine	Engine Model	R4100ZD1	R4105ZD1	R6105ZD1-1	R6105AZLD-1	6BTA5.9G2	6135JZD	6135AZD-1	G6135ZLD	
	Rated output(kw)	47	56	84	110	120	139	155	186	
	Speed(r/min)	1500/1800 r/min								
	Starting method	Electric starting								
	Governing method	Machanical								
	Cylinder numbers	34			6					
	Fuel consumption	≤243			≤230		≤210		≤225.8	
	Cooling Starting Method	Closed water cooled/electric starting								
	Type	Water cooling, in-line ,four-stroke, humid sylinder liner, direct injection								
Model		TFW2-40	TFW2-50	TFW2-75	TFW2-100	TFW2-110	TFW2-120	TFW2-140	TFW2-180	
Generator	Rated output(kw)	40	50	75	100	110	120	140	180	
	Rated Voltage(V)	400V								
	Rated Current(A)	72	90	135	180	198	216	252	324	
	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)	1078	1155	1386	1507	1870	2750	2970	3190	
	Packing Size LXWXH(cm)	254x111x162	254x111x162	319x117x168	325x117x168	310X120X162	468x156x240	455x182x240	455x182x240	
GF2	Weight(kg)	980	1050	1260	1370	1700	2500	2700	1900	
	Packing Size LXWXH(cm)	195x85x135	195x85x135	245x90x140	250x90x140	238X92X135	360x120x200	350x140x200	350x140x200	