

# Air Cooled Diesel Generator Sets



## Specifications:

Gensets Model	GF-12/14	GF-20/24	GF-24/28	GF-40/48	GF-34/40	GF-50/60	GF-20/24	GF-30/34	GF-45/56	GF-40/50	GF-64/75	GF-75/90	GF-40/50	GF-64/75	GF-80/96	GF-50/60	GF-90/108	GF-120/132	GF-150/160	GF-200/220				
Engine Model	F2L912D	F3L912D	F4L912D	F6L912D	F4L912TD	F6L912TD	F3L913D	F4L913D	F6L913D	BF4L913D	BF6L913D	BF6L913CD	F4L413FR	F6L413F	F8L413F	BF4L413FR	BF6L513LR	BF6L513LRC	BF8L513LC	BF12L513L				
Rated output/kW (1500rpm)	14	24	32	48	41	61	25	34	51	47	74	84	51	77	103	65	113	141	190	234				
Rated output/kW (1800rpm)	17	29	38	60	48	72	31	40	65	55	88	105	57	85	114	72	126	157	196	245				
Speed/r/min	1500/1800 r/min						1500/1800 r/min						1500/1800 r/min											
Starting Method	12V/24V		12V/24V Electric starting				12V/24V Electric starting						12V/24V Electric starting											
Cooling Method	Air-cooling						Air-cooling						Air-cooling											
Governing Method	Mechanical Governor or Electronic Governor						Mechanical Governor or Electronic Governor						Mechanical Governor or Electronic Governor											
Intaking Method	Natural aspirated			Turbocharged			Natural aspirated			Turbocharged			Natural aspirated				Turbocharged							
Cylinder numbers	2	3	4	6	4	6	3	4	6	4	6	6	4	6	6	4	6	6	8	12				
Fuel consumption/g/kw.h	≤238	≤232	≤228	≤228	≤228	≤228	≤232	≤228	≤228	≤220	≤223	≤223	≤223	≤216	≤216	≤216	≤204	≤204	≤205	≤205				
Bore * stroking/mm	100X120						102X125						125X130				125X145				125X130			
Displacement/L	1.88	2.83	3.77	5.655	3.77	5.655	3.064	4.085	6.128	4.085	6.128	6.128	6.38	9.57	12.76	6.38	10.68	10.68	14.235	19.14				
Type	air-cooling, in-line, four-stroke, direct injection						air-cooling, in-line, four-stroke, direct injection						air-cooling, in-line, four-stroke, direct injection											
Crankshaft rotation direction	Counter clockwise (face to output end)						Counter clockwise (face to output end)						Counter clockwise (face to output end)											
	Generator						Generator						Generator						Generator					
Generator Model	WT-164D	WT-184F	WT-184G	WT-224D	WT-224C	WT-224E	WT-164F	WT-184H	WT-224E	WT-224D	WT-224G	WT-274C	WT-224D	WT-224G	WT-274C	WT-224E	WT-274D	WT-274F	WT-274H	WT-274K				
Rated output/kW(kVA)(50Hz)	12(15)	20(25)	24(30)	40(50)	34(42.5)	50(62.5)	20(25)	30(37.5)	45(56)	40(50)	64(80)	80(100)	40(50)	64(80)	80(100)	50(62.5)	91(114)	120(150)	160(200)	200(250)				
Rated output/kW(kVA)(60Hz)	15(18.8)	24(30)	28(35)	48(60)	40(50)	60(75)	24(30)	34(42.5)	56(70)	50(62.5)	75(93.8)	96(120)	50(62.5)	75(93.8)	96(120)	60(75)	110(138)	132(165)	176(220)	220(275)				
Rated Voltage	400/230V,420/242V,440/254V,480/277V						400/230V,420/242V,440/254V,480/277V						400/230V,420/242V,440/254V,480/277V											
Frequency/Hz	50/60						50/60						50/60											
Power Factor	0.8		0.8 lagging				0.8 lagging						0.8 lagging											
Phase Connection	3-phase 4-wire			Y-type connection			3-phase 4-wire			Y-type connection			3-phase 4-wire				Y-type connection							
Excitation	Brushless Excitation						Brushless Excitation						Brushless Excitation											
Voltage Regulation	Automatic						Automatic						Automatic											
Net Weight/kg	450	510	570	810	665	850	550	650	850	750	1000	1100	850	1100	1500	950	1650	1800	2100	2600				
Gensets Size LWH/cm	125x70x110	140x70x110	150x70x110	185x70x120	160x72x115	195x72x120	140x70x110	155x70x115	200x75x115	165x75x120	205x75x120	205x75x120	185x78x130	195x105x120	205x105x120	200x80x130	235x85x135	245x85x135	225x115x135	270x115x140				

Specifications given herein are subject to change without notice



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