

## ***Deutz series Diesel Generator Set***



### **Character:**

This series' diesel generating set which power section uses Deutz series diesel engine has the characteristics such as slight volume, large power and low noise. The generator selects and matches the domestic famous series non-brushes electrical machinery which has the function of auto-regulate voltage and when the strip breakage, the oil pulls down, the over speeding reports to stop the engine off, self-starting, long-distance operation, connections. The low noise box body independently develops by our factory, reasonable designing, the noise reduction performance is high. Mobile power plant's undercarriage system use the trapeziform wheel to change the transmission system, and adopt the gas checks and the hand checks double braking system, has the good smooth running and cross-country performance. The unit has artistic outlook, compact structure, light weight, fine performance, reliable movement and easy to operate. And its performance index conforms to the national standard stipulation

柴油发电机组及移动电站技术参数 Technical Parameters of Diesel Generating Sets and Mobile Power Plants														发动机 Diesel Engine					发电机 Alternator							
机组型号 Model	额定功率 (KW) Rated Power	视在功率 (KVA) Apparent Power	额定电压 (V) Rated Voltage	功率因数 COSφ Power Factor	额定频率 (Hz) Rated Frequency	额定转速 (r/min) Rated Speed	相数 Phase	燃料 Fuel	燃油消耗率 g/kw·h Fuel Consumption Rate	机油消耗率 g/kw·h Lubricating Oil Consumption Rate	机组尺寸 Unit Dimension			机组重量 kg净重 Net Weight	发动机型号 Model	汽缸数量/排列 No. of Cylinder	缸径 (mm) Bore	行程 (mm) Stroke	活塞排量 (L) Displacement	冷却系统 Cooling System	启动系统 Starting System	额定功率 (KW) Rated Power	额定电流 (A) Rated Current	励磁方式 Excitation Type	绝缘等级 Insulative Grade	防护等级 Protective Grade
											长(mm) Length	宽(mm) Width	高(mm) Height													
10GF/GT	10	12.5	400	0.8 滞后 0.8 Lag	50	1500	3	柴油 Diesel	238	≤2.38	1330/2300	70/1150	1130/1620	360/1150	F2L912	2/L	100	120	1.88	风冷 Air Cooled	电启动 Electric Start	10	18	无刷励磁 Brushless Excitation	H	IP22
12GF/GT	12	15							232	≤2.32	1330/2300	770/1150	1130/1620	440/1150	F3L912	3/L	100	120	2.828			12	21.6			
16GF/GT	16	20							232	≤2.32	1330/2300	770/1150	1130/1620	440/1200	F3L912	3/L	100	120	2.828			16	28.8			
18GF/GT	18	22.5							232	≤2.32	1330/2300	770/1150	1130/1620	440/1200	F3L912	3/L	100	120	2.88			18	32.4			
20GF/GT	20	24							228	≤2.28	1450/2300	770/1150	1270/1620	840/1900	F3L912	3/L	100	120	3.77			20	36			
24GF/GT	24	30							228	≤2.28	1450/2500	770/1300	1270/1710	840/1920	F4L912	4/L	100	120	3.77			24	43.2			
30GF/GT	30	37.5							228	≤2.28	1700/2500	900/1300	1175/1710	840/1960	F4L912T	4/L	100	120	5.66			30	54			
40GF/GT	40	50							228	≤2.28	1700/3950	900/1940	1175/2250	850/2040	F6L913	6/L	100	125	5.66			40	90			
50GF/GT	50	52.5							228	≤2.28	1700/3950	900/1940	1175/2250	860/2450	F6L912T	6/L	100	120	3.12			50	135			
30GF/GT	30	37.5							220	≤2.2	1700/3950	900/1940	1175/1710	840/1960	TD2268-3D	3/L	105	120	3.12			30	54			
50GF/GT	50	52.5							220	≤2.2	1700/3950	900/1940	1175/1710	860/2450	TD2268-4D	4/L	105	120	4.156			50	135			
75GF/GT	75	93.75							210	≤2.2	2080/3950	860/1940	1400/2250	1200/2750	TD2268-6D	6/L	105	120	6.234			75	135			
90GF/GT	90	112.5							210	≤2.02	2280/3950	900/1940	1370/2250	1340/2850	T8D2268-6D	6/L	105	102	6.234			90	162			
100GF/GT	100	125							210	≤2.02	2280/3950	900/1940	1370/2250	1340/2900	T8D2268-6D	6/L	105	120	6.234			100	180			
120GF/GT	120	150							202	≤2.1	2280/3950	900/1940	1370/2250	1340/2950	T8D2268-6D	6/L	105	120	6.234			120	216			