

## DIESEL GENERATOR SET TECHNICAL DATA

MINYUAN GENERATOR SET MODEL	GF-D50	
	Prime output	Standby output
Generator power (KW)	50	55
Generator power (KVA)	62.5	68.75
Max.Engine power (KW)	60	
Engine Model	TD226B-4D	
Manufacturer	DEUTZ	
Cylinder Arrangement	4 in line	
Cooling System	Water-cooled, radiator 40 °C max, fans are driven by belt, with safety guard	
Governor Type	Mechanical	
Starting System	24V one way start	
Engine Filter	Dry type air filter, fuel filter, oil filter	
Fuel System	A type fuel pump	
Displacement (L)	4.16	
Compression Ratio	16.0:1	
Rated RPM	1500	
Bore and Stroke (mm)	105x120	
100% (Prime power)load (L/h)	13.6	15.0
Air Flow (m <sup>3</sup> /s)	70	
Burning Capacity (m <sup>3</sup> /s)	3.25	
Exhaust Gas Flow (m <sup>3</sup> /s)	7.6	
Exhaust Temperature (°C)	430	
Total Oil Capacity (L)	9.5	
Total Coolant Capacity (L)	17	
Alternator model	TFW-50	
Manufacturer	MINYUAN	
Opening switch	MCCB Air switch	
Rated voltage/frequency	400/230V; 50Hz	
Voltage Adjust range	< 5%	
Voltage Regulation	≥ 95% - 105%	
Voltage Regulation, Steady State	< ±1%	
Exciter Type	Brushless, self-exciting	
Insulation Class/Protection Grade	Class H/IP23	
Efect factor of telecom TIF/THF	TIF<50/THF<2%	
Connecting type	3 phase and 4 wires	
Random accessories	Battery, battery's cable, Ripple flex exhaust, exhaust siphon, flange	
Open type - Overall size (mm)	2050x750x1750	
Weight (kg)	800	
Soundproof type - Overall size (mm)	2760x1140x1830	
Weight (kg)	1200	

*Note: Specifications may change without notice*