

## DIESEL GENERATOR SET TECHNICAL DATA

MINYUAN GENERATOR SET MODEL	GF-W50	
	Prime output	Standby output
Generator power (KW)	45	50
Generator power (KVA)	56.25	62.5
Max.Engine power (KW)	56	
Engine Model	4105ZD	
Manufacturer	WEICHAI	
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	12V/24V one way start	
Engine Filter	Dry type air filter, fuel filter, oil filter	
Fuel System	A type fuel pump	
Displacement (L)	4.33	
Compression Ratio	16.0:1	
Rated RPM	1500	
Bore and Stroke (mm)	105x125	
100% (Prime power)load (L/h)	12.6	
Total Oil Capacity (L)	13	
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)	1930x750x1250	
Weight (kg)	1035	
Soundproof type - Overall size (mm)	2130x1050x1450	
Weight (kg)	1400	

*Note: Specifications may change without notice*