

## DIESEL GENERATOR SET TECHNICAL DATA

MINYUAN GENERATOR SET MODEL	GF-D100	
	Prime output	Standby output
Generator power (KW)	100	110
Generator power (KVA)	125	137.5
Max.Engine power (KW)	120	
Engine Model	TBD226B-6D	
Manufacturer	DEUTZ	
Cylinder Arrangement	6 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)	6.23	
Compression Ratio	16.0:1	
Rated RPM	1500	
Bore and Stroke (mm)	105x120	
100% (Prime power)load (L/h)	26.4	29.0
Air Flow (m <sup>3</sup> /s)	120	
Burning Capacity (m <sup>3</sup> /s)	9	
Exhaust Gas Flow (m <sup>3</sup> /s)	19.75	
Exhaust Temperature (°C)	500	
Total Oil Capacity (L)	13	
Total Coolant Capacity (L)	27	
Alternator model	TFW-100	
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)	2470x850x1700	
Weight (kg)	1200	
Soundproof type - Overall size (mm)	3230x1170x1800	
Weight (kg)	1900	

*Note: Specifications may change without notice*