

## DIESEL GENERATOR SET TECHNICAL DATA

MINYUAN GENERATOR SET MODEL	GF-D40	
	Prime output	Standby output
Generator power (KW)	40	44
Generator power (KVA)	50	55
Max.Engine power (KW)	46	
Engine Model	TD226B-3D	
Manufacturer	DEUTZ	
Cylinder Arrangement	3 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)	3.12	
Compression Ratio	16.0:1	
Rated RPM	105x120	
Bore and Stroke (mm)	1500	
100% (Prime power)load (L/h)	9.6	10.6
Air Flow (m <sup>3</sup> /s)	60	
Burning Capacity (m <sup>3</sup> /s)	2.8	
Exhaust Gas Flow (m <sup>3</sup> /s)	6.3	
Exhaust Temperature (°C)	455	
Total Oil Capacity (L)	7.25	
Total Coolant Capacity (L)	15.5	
Alternator model	TFW-40	
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, "Y" type connecting	
Random accessories	Battery, battery's cable, Ripple flex exhaust, exhaust siphon, flange	
Open type - Overall size (mm)	1800x750x1460	
Weight (kg)	730	
Soundproof type - Overall size (mm)	2380x1060x1680	
Weight (kg)	1130	

Note: Specifications may change without notice