

## DIESEL GENERATOR SET TECHNICAL DATA

MINYUAN GENERATOR SET MODEL	GF-DC120	
	Prime output	Standby output
Generator power (KW)	96	105
Generator power (KVA)	120	132
Max.Engine power (KW)	116	
Engine Model	6BTA5.9-G2	
Manufacturer	CUMMINS DCEC	
Cylinder Arrangement	6 in line	
Cooling System	Water-cooled, radiator 40°C max, fans are driven by belt, with safety guard	
Governor Type	Electronic	
Starting System	24V one way start	
Engine Filter	Dry type air filter, fuel filter, oil filter	
Fuel System	A type fuel pump	
Displacement (L)	5.9	
Compression Ratio	17.0:1	
Rated RPM	1500	
Bore and Stroke (mm)	102x120	
100% (Prime power)load (L/h)	19.41	21.1
Air Flow (m <sup>3</sup> /s)	190	
Burning Capacity (m <sup>3</sup> /s)	8.2	
Exhaust Gas Flow (m <sup>3</sup> /s)	17.6	
Exhaust Temperature (°C)	570	
Total Oil Capacity (L)	16.3	
Total Coolant Capacity (L)	29	
Alternator model	MYG - 96	
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)	2090x850x1520	
Weight (kg)	1420	
Soundproof type - Overall size (mm)	3230x1170x1800	
Weight (kg)	1950	