

DIESEL GENERATOR SET TECHNICAL DATA

MINYUAN GENERATOR SET MODEL	GF-CC1100	
	Prime output	Standby output
Generator power (KW)	1000	1100
Generator power (KVA)	1250	1375
Max.Engine power (KW)	1227	
Engine Model	KTA50-G3	
Manufacturer	CUMMINS CCEC	
Cylinder Arrangement	12 in V type	
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)	50.3	
Compression Ratio	13.9	
Rated RPM	1500	
Bore and Stroke (mm)	159x159	
100% (Prime power)load (L/h)	625	568
Air Flow (m ³ /s)	30425	
Burning Capacity (m ³ /s)	1643	
Exhaust Gas Flow (m ³ /s)	4529	
Exhaust Temperature (°C)	585	
Total Oil Capacity (L)	177	
Total Coolant Capacity (L)	161	
Alternator model	TFW - 1100	
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)	4500x1700x2200	
Weight (kg)	9500	
Soundproof type - Overall size (mm)	4980x2200x2480	
Weight (kg)	12500	