

## DIESEL GENERATOR SET TECHNICAL DATA

MINYUAN GENERATOR SET MODEL	GF-CC280	
	Prime output	Standby output
Generator power (KW)	250	280
Generator power (KVA)	312.5	350
Max.Engine power (KW)	283	
Engine Model	NTA855-G1B	
Manufacturer	CUMMINS CCEC	
Cylinder Arrangement	6 in line	
Cooling System	Water-cooled, radiator 40°C max, fans are driven by belt, with safety guard	
Governor Type	Electronic I	
Starting System	24V one way start	
Engine Filter	Dry type air filter, fuel filter, oil filter	
Fuel System	A type fuel pump	
Displacement (L)	14	
Compression Ratio	14.0:1	
Rated RPM	1500	
Bore and Stroke (mm)	140x152	
100% (Prime power)load (L/h)	70.7	75.4
Air Flow (m <sup>3</sup> /s)	6550	
Burning Capacity (m <sup>3</sup> /s)	425	
Exhaust Gas Flow (m <sup>3</sup> /s)	1126	
Exhaust Temperature (°C)	563	
Total Oil Capacity (L)	38.6	
Total Coolant Capacity (L)	63.9	
Alternator model	TFW - 280	
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)	3020x1100x1900	
Weight (kg)	2950	
Soundproof type - Overall size (mm)	4225x1460x2150	
Weight (kg)	4000	