

SMALL DIESEL GENERATOR SET TECHNICAL DATA

Model	GF-CD8	
	Prime output	Standby output
Generator power (KW)	8	10
Generator power (KVA)	10	12.5
Max.Engine power (KW)	12.13	
Engine Model	ZS1100	
Manufacturer	CHANGCHAI (China)	
Engine characters	1-cylinder, 4-stroke	
Cooling method	Water - cooled	
Speed method	Mechanical	
Starting method	12V2 one way start	
Fuel system	Direct injection	
Lubrication method	use force to spray	
Displacement (L)	0.903	
Compression Ratio	17.5:1	
Rated RPM	1500	
Bore and Stroke (mm)	100 x 115	
100% (Prime power)load (L/h)	2.462	
Alternator model	MINYUAN	
Manufacturer	STC-8	
Opening switch	MCCB Air switch	
Rated voltage/frequency	3-phase, 4-wire, 400V/230V, 50Hz, 0.8 (Lagging)	
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	
Effect factor of telecom TIF/THF	TIF<50/THF<2%	
Random accessories	Battery, battery's cable, Ripple flex exhaust, exhaust siphon, flange	
Open type - Overall size (mm)	1200 x 650 x 900	
Weight (kg)	360	
Soundproof type - Overall size (mm)	1350 x 870 x 980	
Weight (kg)	490	

Note: Specifications may change without notice