DIESEL GENERATOR SET TECHNICAL DATA

MINYUAN GENERATOR SET MODEL	GF-W40	
	Prime output	Standby output
Generator power (KW)	36	40
Generator power (KVA)	45	50
Max.Engine power (KW)	46.2	
Engine Model	4150ZD	
Manufacturer	WEICHAI	
Cylinder Arrangement	4 in line	
Cooling System	Water-cooled, radiator 40 $^{\circ}$C max, fans are driven by belt, with safety guard	
Governor Type	Mechanical	
Starting System	12V/24V one way start	
Engine Filter	Dry type air filter, fuel filter, oil filter	
Fuel System	A type fuel pump	
Displacement (L)	3.62	
Compression Ratio	17.0:1	
Rated RPM	1500	
Bore and Stroke (mm)	100x115	
100% (Prime power)load (L/h)	11.32	
Total Oil Capacity (L)	13	
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	
Random accessories	Battery, battery's cable, Ripple flex exhaust, exhaust siphon, flange	
Open type - Overall size (mm)	1900x720x1150	
Weight (kg)	970	
Soundproof type - Overall size (mm)	2100x1020x1350	
Weight (kg)	1280	

Note: Specifications may change without notice