

## DIESEL GENERATOR SET TECHNICAL DATA

MINYUAN GENERATOR SET MODEL	GF-P90	
	Prime output	Standby output
Generator power (KW)	80	90
Generator power (KVA)	100	112.5
Max.Engine power (KW)	102	
Engine Model	1006TG2A	
Manufacturer	PERKINS	
Cylinder Arrangement	6 in line	
Cooling System	Water-cooled, radiator 40 °C max, fans are driven by belt, with safety guard	
Governor Type	Mechanical or Electronic	
Starting System	12/24V one way start	
Engine Filter	Dry type air filter, fuel filter, oil filter	
Fuel System	A type fuel pump	
Displacement (L)	5.98	
Compression Ratio	17.5:1	
Rated RPM	1500	
Bore and Stroke (mm)	105x127	
100% (Prime power)load (L/h)	20.5	
Total Oil Capacity (L)	19	
Total Coolant Capacity (L)	38	
Alternator model	TFW-90	
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	
Effect 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)	2550x830x1650	
Weight (kg)	1370	
Soundproof type - Overall size (mm)	2900x1150x1900	
Weight (kg)	1870	

*Note: Specifications may change without notice*