

Diesel Generator Set

Technical specification

16kw Diesel Generator Set Designed to Comply with ISO8528/GB2820/CE	Model	W P-Y16GF	
	Prime Power	16KW/20KVA	
	Standby Power	18KW/22.5KVA	
	Rated Voltage	220V 3 Phases 4 Wires	
	Type	SilentType 68db(A)@7M	
	Fuel tank capacity	67L	
	Generator Size/Weight	200x85x118cm/770kg	
Powered by Yangdong Engine YND485D	Prime Power/Speed	17.7kw /1800rpm	
	EngineType	4 cylinders, 4 cycle	
	Aspiration	Natural	
	Bore×Stroke	85mm x 95mm	
	Displacement	2.156L	
	Compression Ratio	18:1	
	Speed Governor	Mechanical	
	Fuel Consumption (L/H)	240g/kw.h (4.31 L/hr) at 75% load 235g/kw.h (5.61L/hr) at 100% load	
	Cooling System	Forced water cooling cycle	
	Steady speed droop	≤1%	
Starter Motor and Alternator	DC12V		
Powered by Wellpower Alternator WP164D	Rated Power	16kw 220V 60Hz/1800rpm Single	
	Rated Voltage	bearing, Brushless, Self-excited 0.8	
	Frequency/Speed	≥5% ≤±1% H IP23 3 phase	
	Exciter type		
	Power factor		
	Voltage adjust range		
	Voltage regulation NL-FL		
	Insulation Grade		
	Protection Grade		
Phase			
Controlled by Smartgen Controller HGM6120	Digital readouts of: Generator voltage; Output frequency; Engine speed; Battery voltage; Engine hours run.	Indicators for failure information: Overspeed/underspeed; Emergency stop; Low oil pressure; High water temperature; Failure to start; Battery charger failure.	Automatic shutdown occurs under: Low engine oil pressure; High engine water temperature; Overspeed/underspeed; Failure to start after three attempts.

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Generator Photos



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