

BF-P100-60 Generating Set Technical Data

Baifa Generating Set Model	BF-P100-60	
	Prime	Standby
Gen-Set Power (KW)	84	91
Gen-Set Power (KVA)	105	114
Engine Power (KW)	107.3	
Engine Model	1006TG 1A	
Engine Manufacturer	Perkins Power Co., Ltd. (Tianjin)	
Engine Configuration	4-cylinder in line , 4-stroke , exhaust gas turbocharged	
Speed Control System	Mechanical speed controller	
Start Mode	24V Direct Current Start , Including alternator & battery	
Fuel System	Direct Spray Fuel System	
100% Load Fuel Consumption (L/h)	22.4	24.4
Total Engine Displacement (L)	5.99	
Air consumption (m ³ /min)	5.74	
Exhaust Gas Flow (m ³ /min)	16.24	
Exhaust Gas Temperature ()	545	
Oil Capacity (L)	16.1	
Coolant Capacity (L)	27.7	
Generator Manufacturer	Wuxi Newage Alternator Co.,Ltd.(affiliate company of British Newage international cooperation) STAMFORD brand.	
Generator model	UCI274C1	
Rated Voltage/Frequency	440V/254V , 60Hz	
Power Factor/Connective Wire Type	0.8 lag , 3-phase, 4-line Y type circling to connect	
Stable Frequency Change Rate	5%	
Free load voltage Regulator Range	95% ~ 105%	
Stable Voltage Regulator	± 1%	
Insulation Class/Protection Grade	H Class/IP22	
Telephone Influence Index	TIF < 50	
Telephone Harmonic Index	THF < 2%	
Dimension with fuel tank on base(mm)	2150 × 720 × 1370	
Weight with fuel tank on base (kg)	1090	