

Baifa Generating Set Model	BF-D30	
	Prime	Standby
Gen-Set Power (KW/KVA)	22/28	24/30
Engine Power (KW)	31	
Engine Model	D226B-3D	
Engine Manufacturer	Sino-Germany joint venture Weichai-Deutz Co.,Ltd	
Engine Configuration	3-cylinder in line, 4-stroke, spontaneously inspiration, direct spray fuel system	
Engine Cooling Mode	The Radiator suitable for 40°C Temperature, Strap drive the cooling fan with protection cover	
Speed Control System	Mechanical speed controller, electricity - magnet valve control switch	
Start Mode	24V Direct Current Start, Including alternator & battery	
Engine Filter System	Dry air filter type, Fuel filters, Lube filter	
Engine total displacement (L)	3.12	
Compress ratio	16.5:1	
Bore * Stroke (mm)	105 * 120	
100% Load fuel consumption (L/h)	6.5	7.1
Specific fuel consumption (g/kwh)	≤215	
Lubricating oil consumption (g/kwh)	≤1.36	
Exhaust Air Flow (m <sup>3</sup> /min)	34	
Air consumption (m <sup>3</sup> /min)	2.2	
Exhaust gas Flow (m <sup>3</sup> /min)	4.78	
Exhaust gas Temperature (°C)	435	
Oil Capacity (L)	7.25	
Coolant Capacity (L)	15.5	
Generator model	Single bearing alternator	
Short circuit Protection	MCCB Air switch	
Rated Voltage /Frequency/Power Factors	400V/230V, 50Hz, 0.8 lag, 3-phase & 4-line	

Stable Frequency Change Rate	≤5%
Free Load Voltage Adjusting Range	≥95%-105%
Stable Voltage Regulator	≤±1%
Insulation Class/ Protection Grade	H Class/IP23
Telephone Influence Factor	TIF<50/ THF<2%
Accessory Attached	A suit of start battery& connective wire; Exhaust smoke siphon, Ripple absorber, Flange, Muffler; Absorber on base
Water tank ventilation area (mm)	520 * 540
Dimension of open type (mm)	1700 * 750 * 1350
Weight with fuel tank on base (kg)	615
Dimension of soundproof type (mm)	2230 * 1060 * 1680
Weight with fuel tank on base (kg)	1015



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