

Baifa Generating Set Model	BF-D165	
	Prime	Standby
Gen-Set Power (KW/KVA)	120/150	132/165
Engine Power (KW)	132	
Engine Model	TBD226B-6D5	
Engine Manufacturer	Sino-Germany joint venture Weichai-Deutz Co.,Ltd	
Engine Configuration	6-cylinder in line, 4-stroke, exhaust gas turbocharged, Air-to-Air cooled 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)	6.23	
Compress ratio	16.0:1	
Bore * Stroke (mm)	105 * 120	
100%Load fuel consumption (L/h)	30.3	33.4
Specific fuel consumption (g/kwh)	≤198	
Lubricating oil consumption (g/kwh)	≤1.36	
Exhaust Air Flow (m <sup>3</sup> /min)	120	
Air consumption (m <sup>3</sup> /min)	9	
Exhaust gas Flow (m <sup>3</sup> /min)	19.75	
Exhaust gas Temperature (°C)	490	
Oil Capacity (L)	13	
Coolant Capacity (L)	27	
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)	700 * 820
Dimension of open type (mm)	2550 * 850 * 1800
Weight with fuel tank on base (kg)	1500
Dimension of soundproof type (mm)	3230 * 1170 * 1800
Weight with fuel tank on base (kg)	2050

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