

BF-Y12-3 Generating Set Technical Data

Baifa Generating Set Model	BF-Y12-3
	Prime
Gen-Set Power (KW)	10
Gen-Set Power (KVA)	12.5
Engine Power (KW)	15.3
Engine Model	BF480
Engine Manufacturer	BAIFA POWER
Engine Configuration	4- Cylinder in line , 4 -Strokes
Engine Cooling Mode	The Radiator suitable for 40 Temperature , Strap driven cooling fan with protection cover
Speed Control System	Mechanical governor
Start Mode	24V Direct Current Start , Including alternator & battery
Engine Filter System	Air filter、 fuel filter、 oil filter
Engine total displacement (L)	1.809
Compress ratio	18
Bore × Stroke (mm)	80 × 90
100%Load fuel consumption (L/h)	3.7
Exhaust Air Flow (m ³ /mi n)	27.59
Air consumption (m ³ /mi n)	0.54
Exhaust gas Flow (m ³ /mi n)	0.81
Exhaust gas Temperature ()	550
Max intake pressure (mbar)	30
Max exhaust pressure (mbar)	50
Oil Capacity (L)	6
Coolant Capacity (L)	
Generator manufacturer	Wuxi Newage Alternator Co.,Ltd. (affiliate company of British Newage international cooperation) STAMFORD brand.
Generator model	BCI 164C1
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/IP22
Telephone Influence Factor	TIF < 50/ THF < 2%
Dimension of Soundproof type (mm)	1730 × 780 × 1140
Weight of Soundproof type (kg)	1200