

**BF-Y8-3 Generating Set Technical Data**

Baifa Generating Set Model	BF-Y8-3
	Prime
Gen-Set Power ( KW )	6.4
Gen-Set Power ( KVA )	8
Engine Power ( KW )	11.2
Engine Model	BF380
Engine Manufacturer	BAIFA POWER
Engine Configuration	3- Cylinder in line , 4 -Stroke
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 )	1.357
Compress ratio	18
Bore × Stroke ( mm )	80 × 90
100%Load fuel consumption (L/h)	2.7
Exhaust Air Flow ( m <sup>3</sup> /mi n )	20.35
Air consumption ( m <sup>3</sup> /mi n )	0.41
Exhaust gas Flow ( m <sup>3</sup> /mi n )	0.62
Exhaust gas Temperature ( )	550
Max intake pressure ( mbar )	30
Max exhaust pressure ( mbar )	50
Oil Capacity ( L )	5
Coolant Capacity ( L )	
Generator manufacturer	Wuxi Newage Alternator Co.,Ltd. (affiliate company of British Newage international cooperation) STAMFORD brand.
Generator model	BCI 164A1
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 )	1680 × 780 × 1140
Weight of Soundproof type ( kg )	1150