

MJB SERIES 55-150 kVA

TECHNICAL SPECIFICATIONS



GENERATOR GROUP

MODEL		MJB0055	MJB0072	MJB0088	MJB0110	MJB0150
Stand By Power	kVA	55	72	88	110	150
	kW	44	58	70	88	120
Prime Power	kVA	50	65	80	100	135
	kW	40	52	64	80	109

DIESEL ENGINE

BRAND		BAUDOUIN				
Model		4M06G55/5	4M11G70/5e2	4M11G90/5e2	4M11G110/5e2	6M11G150/5e2
Engine Power - Stand By	kW	53	66	81	108	140
Engine Power - Prime	kW	48	60	74	98	128
Engine Speed (rpm)		1500	1500	1500	1500	1500
Number of Cylinder		4 - In Line	4 - In Line	4 - In Line	4 - In Line	6 - In Line
Displacement (lt)		2.3	4.5	4.5	4.5	6.75
Bore x Stroke (mm)		89 x 92	105 x 130	105 x 130	105 x 130	105 x 130
Compression Rate		17.5:1	18:1	18:1	18:1	18:1
Governor Type		Mechanic/Electronic	Mechanic/Electronic	Mechanic/Electronic	Electronic	Electronic
Induction		Natural	Natural	Natural	TurboCharged-Intercooler	TurboCharged-Intercooler
Combustion System		Direct Injection	Direct Injection	Direct Injection	Direct Injection	Direct Injection
Cooling System		Water Cooled	Water Cooled	Water Cooled	Water Cooled	Water Cooled
Lubrication Oil Capacity (lt)		9.5	10	10	10	16
Coolant Capacity (lt)		11.7	15.3	15.3	20.8	28
Fuel Tank Capacity (lt)		132	180	180	280	280
Fuel Consumption lt / h	100% of Prime Power	11.3	14.5	17.8	23.3	30.4
	75% of Prime Power	8.4	11	13.3	17.4	23.1
	50% of Prime Power	5.7	7.7	9.2	11.9	15.9

ALTERNATOR

Output Voltage (V)	400/230
Power Factor	0.8
Number of Poles	4
Frequency (Hz)	50
Voltage Regulation	±%0,5
Connection Type	Star

DIMENSIONS & WEIGHT

Canopy Dimensions	mm (WxDxH)	1000 x 2450 x 1610	1000 x 2880 x 1610	1000 x 2880 x 1610	1050 x 3180 x 1870	1050 x 3180 x 1870
Canopy Weight	kg	960	1270	1355	1380	1520
Open Dimensions	mm (WxDxH)	1000 x 2050 x 1520	1000 x 2400 x 1520	1000 x 2400 x 1520	1050 x 2700 x 1520	1050 x 2700 x 1690
Open Weight	kg	765	1050	1135	1160	1280

Makelsan reserves the right to make changes in model, specification, color, equipment and accessories without prior notice.