

MJB SERIES 20-50 kVA

TECHNICAL SPECIFICATIONS



GENERATOR GROUP

MODEL		MJB0020	MJB0025	MJB0035	MJB0044	MJB0050
Stand By Power	kVA	20	22	35	44	50
	kW	16	18	28	35.2	40
Prime Power	kVA	18.2	20	31.8	40	45.4
	kW	14.5	16	25.5	32	36

DIESEL ENGINE

BRAND	BAUDOIN					
Model	4M06G20/5	4M06G25/5	4M06G33/5	4M06G44/5	4M06G50/5	
Engine Power - Stand By	20	25	33	40	48	
Engine Power - Prime	18.2	22.7	30	36.4	43.6	
Engine Speed (rpm)	1500	1500	1500	1500	1500	
Number of Cylinder	4 - In Line	4 - In Line	4 - In Line	4 - In Line	4 - In Line	
Displacement (lt)	2.3	2.3	2.3	2.3	2.3	
Bore x Stroke (mm)	89x92	89x92	89x92	89x92	89x92	
Compression Rate	17.5:1	17.5:1	17.5:1	17.5:1	17.5:1	
Governor Type	Electronic	Electronic	Electronic	Electronic	ECU	
Induction	Natural	Natural	Natural	TurboCharged	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	9.5	9.5	9.5	9.5	
Coolant Capacity (lt)	16	16	16	16	12.9	
Fuel Tank Capacity (lt)	92	92	132	132	132	
Fuel Consumption lt / h	100% of Prime Power	4.8	6.1	7.6	9.3	10.4
	75% of Prime Power	3.7	4.5	5.4	6.8	7.5
	50% of Prime Power	2.6	3.2	4.1	4.6	5.2

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)	900x2000x1310	900x2000x1310	1000x2300x1715	1000x2300x1715	1000x2300x1715
Canopy Weight	kg	750	850	905	925	945
Open Dimensions	mm (WxDxH)	900x1500x1100	900x1500x1100	1000x1750x1450	1000x1750x1450	1000x1750x1450
Open Weight	kg	600	700	710	730	750

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

N/A: These dimensions and weights may change depending upon the characteristics of the project.