

MJB SERIES 20-50 kVA

TECHNICAL SPECIFICATIONS



GENERATOR GROUP		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		BAUDOIN				
Model		4M06G20/5	4M06G25/5	4M06G33/5	4M06G44/5	4M06G50/5
Engine Power - Stand By	kW	20	25	33	40	48
Engine Power - Prime	kW	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		MJB0020	MJB0025	MJB0035	MJB0044	MJB0050
Canopy Dimensions	mm (WxDxH)	900x2000x1512	900x2000x1512	1000x2200x1610	1000x2300x1610	1000x2300x1610
Canopy Weight	kg	750	850	905	925	945
Open Dimensions	mm (WxDxH)	900x1500x1250	900x1500x1400	1000x1750x1390	1000x1750x1400	1000x1750x1400
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.