



MJB SERIES 110-220 kVA

TECHNICAL SPECIFICATIONS

GENERATOR GROUP

MODEL		MJB0110	MJB0120	MJB0150	MJB0165	MJB0220
Stand By Power	kVA	110	120	150	165	220
	kW	88	96	120	132	176
Prime Power	kVA	100	109	135	150	200
	kW	80	87.3	109	120	160

DIESEL ENGINE

BRAND	BAUDOIN					
Model	4M10G110/5	4M11G120/5	6M11G150/5	6M11G165/5	6M16G220/5	
Engine Power - Stand By	100	108	140	152	200	
Engine Power - Prime	90	98	128	138	182	
Engine Speed (rpm)	1500	1500	1500	1500	1500	
Number of Cylinder	4 - In Line	4 - In Line	6 - In Line	6 - In Line	6 - In Line	
Displacement (lt)	4.087	4.5	6.75	6.75	9.726	
Bore x Stroke (mm)	105x118	105x130	105x130	105x130	126x130	
Compression Rate	17.5:1	18:1	18:1	18:1	17:1	
Governor Type	Electronic	Electronic	Electronic	Electronic	Electronic	
Induction	TurboCharged-Aftercooler	TurboCharged-Aftercooler	TurboCharged-Aftercooler	TurboCharged-Aftercooler	TurboCharged-Aftercooler	
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)	13	11	17	17	24	
Coolant Capacity (lt)	23.6	13.3	17	17	44	
Fuel Tank Capacity (lt)	-	300	300	300	415	
Fuel Consumption lt / h	100% of Prime Power	21.25	23.3	30.4	32.7	42.1
	75% of Prime Power	16.0	17.4	23.1	24.5	31.6
	50% of Prime Power	10.58	11.9	15.9	16.7	21.9

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)	1050x2700x1830	1050x3000x2130	1050x3000x2130	1050x3000x2130	1050x3000x2130
Canopy Weight	kg	1447	1650	1900	2400	2550
Open Dimensions	mm (WxDxH)	1050x2090x1650	1050x2400x1750	1050x2400x1750	1050x2400x1750	1050x2400x1750
Open Weight	kg	1127	1500	1500	2000	2150

Aytemiz-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.

Aytemiz Jeneratör A.Ş.

Headquarter: İstanbul Deri OSB Alsancak Sk. No: 8/A, 34956 Tuzla - İstanbul / Türkiye
T: +90 444 2986 F: +90 (0216) 327 5164 E: jenerator@makelsan.com.tr www.makelsan.com.tr

+90
444 2986
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