



MJB SERIES 120-250 kVA

TECHNICAL SPECIFICATIONS

GENERATOR GROUP

MODEL		MJB0120	MJB0150	MJB0165	MJB0220	MJB0250
Stand By Power	kVA	120	150	165	220	250
	kW	96	120	132	176	200
Prime Power	kVA	109	135	150	200	227.2
	kW	87.3	109	120	160	181.8

DIESEL ENGINE

BRAND	BAUDOIN					
Model	4M11G120/5	6M11G150/5	6M11G165/5	6M16G220/5	6M16G250/5	
Engine Power - Stand By	kW	108	140	152	200	238
Engine Power - Prime	kW	98	128	138	182	216
Engine Speed (rpm)		1500	1500	1500	1500	1500
Number of Cylinder		4 - In Line	6 - In Line	6 - In Line	6 - In Line	6 - In Line
Displacement (lt)		4.5	6.75	6.75	9.726	9.726
Bore x Stroke (mm)		105x130	105x130	105x130	126x130	126x130
Compression Rate		18:1	18:1	18:1	17:1	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)		11	17	17	24	26
Coolant Capacity (lt)		13.3	17	17	44	44
Fuel Tank Capacity (lt)		280	280	280	585	585
Fuel Consumption lt / h	100% of Prime Power	23.3	30.4	32.7	42.1	50.9
	75% of Prime Power	17.4	23.1	24.5	31.6	38.1
	50% of Prime Power	11.9	15.9	16.7	21.9	25.9

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

		MJB0120	MJB0150	MJB0165	MJB0220	MJB0250
Canopy Dimensions	mm (WxDxH)	1050x2700x1875	1050x2700x1875	1050x3000x2035	1150x3430x2460	1150x3430x2460
Canopy Weight	kg	1450	1800	1900	2400	2550
Open Dimensions	mm (WxDxH)	1050x2090x1650	1050x2090x1650	1050x2400x1750	1150x2700x1860	1150x2700x1860
Open Weight	kg	1100	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.