

MJB SERIES 165-350 kVA

TECHNICAL SPECIFICATIONS



GENERATOR GROUP		MJB0165	MJB0220	MJB0250	MJB0275	MJB0350
Stand By Power	kVA	165	220	250	275	350
	kW	132	176	200	220	280
Prime Power	kVA	150	200	227.2	250	318.2
	kW	120	160	181.8	200	254.5

DIESEL ENGINE		BAUDOIN				
Model		6M11G165/5	6M16G220/5	6M16G250/5	6M16G275/5	6M16G350/5
Engine Power - Stand By	kW	152	200	238	264	320
Engine Power - Prime	kW	138	182	216.3	240	290
Engine Speed	(rpm)	1500	1500	1500	1500	1500
Number of Cylinder		6 - In Line	6 - In Line	6 - In Line	6 - In Line	6 - In Line
Displacement	(lt)	6.75	9.726	9.726	9.726	9.726
Bore x Stroke	(mm)	105x130	126x130	126x130	126x130	126x130
Compression Rate		18:1	17:1	17:1	17:1	17:1
Governor Type		Electronic	Electronic	Electronic	Electronic	Electronic
Induction		TurboCharged-Aftercooler	TurboCharged-Aftercooler	TurboCharged-Aftercooler	TurboCharged-Intercooler	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)	17	24	26	26	26
Coolant Capacity	(lt)	17	44	44	44	50
Fuel Tank Capacity	(lt)	280	585	585	585	585
Fuel Consumption lt / h	100% of Prime Power	32.7	42.1	50.9	56.9	70.5
	75% of Prime Power	24.5	31.6	38.1	42.2	52.3
	50% of Prime Power	16.7	21.9	25.9	28.4	35.3

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		MJB0165	MJB0220	MJB0250	MJB0275	MJB0350
Canopy Dimensions	mm (WxDxH)	1050x3180x1870	1150x3820x2460	1150x3820x2460	1150x3820x2460	1400x3700x2626,5
Canopy Weight	kg	2000	2140	2250	2250	2690
Open Dimensions	mm (WxDxH)	1050x2400x1690	1150x2800x1860	1150x2800x1860	1150x2800x1860	1400x3250x1750
Open Weight	kg	1650	1845	1950	1950	2285

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.