

MJB SERIES 350-550 kVA

TECHNICAL SPECIFICATIONS



GENERATOR GROUP		MJB0350	MJB0385	MJB0440	MJB0500	MJB0550
MODEL						
	Stand By Power	kVA 350	kVA 385	kVA 440	kVA 500	kVA 550
		kW 280	kW 308	kW 352	kW 400	kW 440
Prime Power		kVA 318.2	kVA 350	kVA 400	kVA 454.5	kVA 500
		kW 254.5	kW 280	kW 320	kW 363.6	kW 400

DIESEL ENGINE		BAUDOIN				
Model		6M16G350/5	6M21G385/5	6M21G440/5	6M21G500/5	6M26G550/5
Engine Power - Stand By	kW	320	385	405	450	484
Engine Power - Prime	kW	290	350	368.2	409	440
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)		9.726	12.54	12.54	12.54	15.90
Bore x Stroke (mm)		126x130	127x165	127x165	127x165	150x150
Compression Rate		17:1	16:1	16:1	16.5:1	15.7:1
Governor Type		Electronic	Electronic	Electronic	ECU	Electronic
Induction		TurboCharged-Aftercooler	TurboCharged-Aftercooler	TurboCharged	TurboCharged	TurboCharged
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)		26	30	30	30	52
Coolant Capacity (lt)		50	55	55	55	108.7
Fuel Tank Capacity (lt)		585	890	890	1145	1145
Fuel Consumption lt / h	100% of Prime Power	70.5	85	85	112.9	104.9
	75% of Prime Power	52.3	63.5	63.5	77.8	78.4
	50% of Prime Power	35.3	43.1	43.1	52	53.6

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		MJB0350	MJB0385	MJB0440	MJB0500	MJB0550
Canopy Dimensions	mm (WxDxH)	1400x3700x2626,5	1400x3700x2626,5	1400x3700x2626,5	1600x4400x2650	1600x4400x2650
Canopy Weight	kg	2690	2860	2950	4105	4105
Open Dimensions	mm (WxDxH)	1400x3250x1750	1400x3250x1750	1400x3250x1750	1600x4000x2220	1600x4000x2220
Open Weight	kg	2285	2455	2550	3590	3630

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.