

## MJB SERIES 385-660 kVA

### TECHNICAL SPECIFICATIONS



GENERATOR GROUP		MJB0385	MJB0440	MJB0500	MJB0550	MJB0660
MODEL						
	Stand By Power	kVA 385	kVA 440	kVA 500	kVA 550	kVA 660
		kW 308	kW 352	kW 400	kW 440	kW 528
Prime Power		kVA 350	kVA 400	kVA 455	kVA 500	kVA 600
		kW 280	kW 320	kW 364	kW 400	kW 480
DIESEL ENGINE		BAUDOIN				
Model		6M21G385/5e2	6M21G440/5e2	6M21G500/5	6M26G550/5e2	6M33G660/5e2
Engine Power - Stand By	kW	385	405	450	484	572
Engine Power - Prime	kW	350	368	409	440	520
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)		12.54	12.54	12.54	15.90	19.60
Bore x Stroke (mm)		127 x 165	127 x 165	127 x 165	150 x 150	150 x 185
Compression Rate		16:1	16:1	16.5:1	15.7:1	15:1
Governor Type		Electronic	Electronic	Electronic	Electronic	Electronic
Induction		TurboCharged-Intercooler	TurboCharged-Intercooler	TurboCharged-Intercooler	TurboCharged-Intercooler	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)		36	36	36	50	60.5
Coolant Capacity (lt)		65	65	69.2	142	126.6
Fuel Tank Capacity (lt)		890	890	1145	1145	1530
Fuel Consumption lt / h	100% of Prime Power	82.1	85	112.9	104.9	122.8
	75% of Prime Power	60.6	63.5	77.8	78.4	92.8
	50% of Prime Power	40.9	43.1	52	53.6	64.4
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)	1400 x 3705 x 2645	1400 x 3705 x 2645	1600 x 4400 x 2650	1600 x 4400 x 2650	1800 x 4500 x 3075
Canopy Weight	kg	2860	2950	4105	4105	5590
Open Dimensions	mm (WxDxH)	1400 x 3250 x 1750	1400 x 3250 x 1750	1600 x 4000 x 2220	1600 x 4000 x 2220	1800 x 4290 x 2340
Open Weight	kg	2455	2550	3590	3630	4900

Makelsan reserves the right to make changes in model, specification, color, equipment and accessories without prior notice.