

MJB SERIES 1400-1900 kVA

TECHNICAL SPECIFICATIONS



GENERATOR GROUP

MODEL		MJB1400	MJB1500	MJB1650	MJB1700	MJB1900
Stand By Power	kVA	1400	1500	1650	1700	1900
	kW	1120	120	1320	1360	1520
Prime Power	kVA	1250	1363.6	1500	1545.5	1727.2
	kW	1000	1090.9	1200	1236.4	1381.2

DIESEL ENGINE

BRAND	BAUDOIN					
Model	12M33G1400/5	12M33G1500/5	12M33G1650/5	16M33G1700/5	16M33G1900/5	
Engine Power - Stand By	kW	1210	1320	1450	1530	1650
Engine Power - Prime	kW	1100	1200	1318	1390	1530
Engine Speed (rpm)		1500	1500	1500	1500	1500
Number of Cylinder		12 - V Type	12 - V Type	12 - V Type	16 - V Type	16 - V Type
Displacement (lt)		39.2	39.2	39.2	52.3	52.3
Bore x Stroke (mm)		150x185	150x185	150x185	150x185	150x185
Compression Rate		15:1	15:1	15:1	15:1	15:1
Governor Type		Electronic	Electronic	ECU	ECU	ECU
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)		155	155	155	171	171
Coolant Capacity (lt)		188	188	303	400	400
Fuel Tank Capacity (lt)		2000	-	-	-	-
Fuel Consumption lt / h	100% of Prime Power	217.6	N/A	324	327.5	358.2
	75% of Prime Power	160.3	N/A	234.2	243.5	260.3
	50% of Prime Power	108.9	N/A	156.1	166.7	176.2

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)	2400x5450x3470	N/A	N/A	N/A	N/A
Canopy Weight	kg	9120	N/A	N/A	N/A	N/A
Open Dimensions	mm (WxDxH)	2400x5200x2675	N/A	N/A	N/A	N/A
Open Weight	kg	7450	N/A	N/A	N/A	N/A

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.