

MJR SERIES 94-150 kVA

TECHNICAL SPECIFICATIONS



GENERATOR GROUP

MODEL		MJR0094	MJR0110	MJR0110	MJR0125	MJR0150
Stand By Power	kVA	94	110	110	125	150
	kW	75.2	88	88	100	120
Prime Power	kVA	85.4	100	100	113.6	136.4
	kW	68.3	80	80	90.9	109

DIESEL ENGINE

BRAND	RICARDO					
Model	R4105IZLD	R4110IZLD	R6105ZD	R6105ZLD	R6105AZLD	
Engine Power - Stand By	83	92	92	110	121	
Engine Power - Prime	75	84	84	100	110	
Engine Speed (rpm)	1500	1500	1500	1500	1500	
Number of Cylinder	4 - In Line	4 - In Line	6 - In Line	6 - In Line	6 - In Line	
Displacement (lt)	4.33	4.33	6.49	6.49	6.75	
Bore x Stroke (mm)	105x130	105x130	105x130	105x130	105x130	
Compression Rate	16:1	16:1	16:1	16:1	16:1	
Governor Type	Mechanic/Electronic	Mechanic/Electronic	Mechanic/Electronic	Mechanic/Electronic	Mechanic/Electronic	
Induction	TurboCharged	TurboCharged	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)	13	13	16	16	16	
Coolant Capacity (lt)	18	18	23	23	25	
Fuel Tank Capacity (lt)	175	175	225	225	225	
Fuel Consumption lt / h	100% of Prime Power	20.2	22.6	23.9	26.6	30.5
	75% of Prime Power	15.6	16.7	17.9	20.2	22.9
	50% of Prime Power	10	11.5	11.9	13.8	15.3

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

Canopy Dimensions	mm (WxDxH)	1050x2700x1875	1050x2700x1875	1050x3000x2035	1050x3000x2035	1050x3000x2035
Canopy Weight	kg	1300	1325	1540	1600	1640
Open Dimensions	mm (WxDxH)	1050x2100x1650	1050x2100x1650	1050x2400x1750	1050x2400x1750	1050x2400x1750
Open Weight	kg	980	1050	1160	1300	1400

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.

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