



MJR SERIES 94-150 kVA

TECHNICAL SPECIFICATIONS

GENERATOR GROUP		MJR0094	MJR0110	MJR0110	MJR0125	MJR0150
MODEL						
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		RICARDO				
BRAND		R4105IZLD	R4110IZLD	R6105ZD	R6105ZD	R6105AZLD
Model						
Engine Power - Stand By	kW	83	92	92	92	121
Engine Power - Prime	kW	75	84	84	84	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)		4.4	4.4	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	23.9	30.5
	75% of Prime Power	15.6	16.7	17.9	17.9	22.9
	50% of Prime Power	10	11.5	11.9	11.9	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	1220	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.