

MJR SERIES 35-82 kVA

TECHNICAL SPECIFICATIONS



GENERATOR GROUP

MODEL		MJR0035	MJR0050	MJR0055	MJR0070	MJR0082
Stand By Power	kVA	35	50	55	70	82
	kW	28	40	44	56	65.6
Prime Power	kVA	32	45.5	50	63.6	75
	kW	25.6	36.3	40	50.9	60

DIESEL ENGINE

BRAND	RICARDO					
Model	K4100D	K4100ZD	K4102ZD	D4105ZD/ZH4105ZD	D4105IZLD/ZH4105IZLD	
Engine Power - Stand By	33	44	48	62	73	
Engine Power - Prime	30.1	40	44	56	66	
Engine Speed (rpm)	1500	1500	1500	1500	1500	
Number of Cylinder	4 - In Line	4 - In Line	4 - In Line	4 - In Line	4 - In Line	
Displacement (lt)	3.61	3.61	3.61	3.61	4.4	
Bore x Stroke (mm)	100x115	100x115	102x115	105x115	105x125/105x115	
Compression Rate	17:1	17:1	17:1	17:1	16:1/17:1	
Governor Type	Mechanic/Electronic	Mechanic/Electronic	Mechanic/Electronic	Mechanic/Electronic	Mechanic/Electronic	
Induction	Natural	TurboCharged	TurboCharged	TurboCharged	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)	13	13	13	13	13	
Coolant Capacity (lt)	13	13	13	13	16/13	
Fuel Tank Capacity (lt)	138	138	138	175	175	
Fuel Consumption lt / h	100% of Prime Power	9	12.1	13	16.6	18
	75% of Prime Power	4.9	8.9	9.8	12.3	13.5
	50% of Prime Power	3.8	6	6.2	8.2	9

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)	1000x2300x1715	1000x2300x1715	1000x2300x1715	1050x2700x1875	1050x2700x1875
Canopy Weight	kg	875	1010	1050	1100	1170
Open Dimensions	mm (WxDxH)	1000x1750x1450	1000x1750x1450	1000x1750x1450	1050x2100x1650	1050x2100x1650
Open Weight	kg	700	780	820	860	890

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.