

MJR SERIES 35-82 kVA

TECHNICAL SPECIFICATIONS



GENERATOR GROUP		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		RICARDO				
Model		K4100D	K4100ZD	K4102ZD	D4105ZD	R4105IZD/D4105IZLD
Engine Power - Stand By	kW	33	44	48	62	73
Engine Power - Prime	kW	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	4.33
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		MJR0035	MJR0050	MJR0055	MJR0070	MJR0082
Canopy Dimensions	mm (WxDxH)	1000x2300x1575	1000x2300x1575	1000x2300x1575	1050x2700x1770	1050x2700x1770
Canopy Weight	kg	960	1060	1080	1300	1300
Open Dimensions	mm (WxDxH)	1000x1750x1350	1000x1750x1350	1000x1750x1350	1050x2100x1600	1050x2100x1600
Open Weight	kg	730	800	820	1050	1050

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.