

MJD SERIES 22-70 kVA

TECHNICAL SPECIFICATIONS



GENERATOR GROUP

MODEL		MJD0022	MJD0033	MJD0044	MJD0055	MJD0070
Stand By Power	kVA	22	33	44	55	70
	kW	18	26	35	44	56
Prime Power	kVA	20	30	40	50	63.6
	kW	16	24	32	40	50.9

DIESEL ENGINE

BRAND	DEUTZ					
Model	BFM3G1	BFM3G2	BFM3T	BFM3C	BF4M2012	
Engine Power - Stand By	22	32	44	50	60	
Engine Power - Prime	20	29	40	45	54	
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)	3.168	3.168	3.168	3.168	4.04	
Bore x Stroke (mm)	98x105	98x105	98x105	98x105	101x126	
Compression Rate	18.5:1	18.5:1	18.5:1	18.5:1	19:1	
Governor Type	Electronic	Electronic	Electronic	Electronic	Electronic	
Induction	Natural	Natural	TurboCharged	TurboCharged-Intercooler	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)	7.5	7.5	7.5	7.5	8.5	
Coolant Capacity (lt)	4.8	4.8	4.8	4.8	15.9	
Fuel Tank Capacity (lt)	90	90	125	125	175	
Fuel Consumption lt / h	100% of Prime Power	5.4	7.7	10.3	11.2	13.7
	75% of Prime Power	4	5.38	8	8.7	10.2
	50% of Prime Power	2.8	3.9	5.5	6	7

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)	900x2000x1310	1000x2300x1715	1000x2300x1715	1000x2300x1715	1050x2700x1875
Canopy Weight	kg	760	895	940	1050	1230
Open Dimensions	mm (WxDxH)	900x1500x1100	1000x1750x1450	1000x1750x1450	1000x1750x1450	1050x2090x1650
Open Weight	kg	620	735	790	835	960

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.