

## MJD SERIES 22-70 kVA

### TECHNICAL SPECIFICATIONS



GENERATOR GROUP		MJD0022	MJD0033	MJD0044	MJD0060	MJD0070	
MODEL							
	Stand By Power	kVA	22	33	44	60	70
		kW	18	26	35	48	56
Prime Power		kVA	20	30	40	54.5	63.6
		kW	16	24	32	43.6	50.9
DIESEL ENGINE		DEUTZ					
BRAND		DEUTZ					
Model		BFM3G1	BFM3G2	BFM3T	BFM3C	BF4M2012	
Engine Power - Stand By	kW	22	32	44	50	60	
Engine Power - Prime	kW	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	850	1000	1000	1100	1300	
Open Dimensions	mm (WxDxH)	900x1500x1100	1000x1750x1450	1000x1750x1450	1000x1750x1450	1050x2090x1650	
Open Weight	kg	680	825	825	880	1000	

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.