

MJD SERIES 22-70 kVA

TECHNICAL SPECIFICATIONS



GENERATOR GROUP		MJD0022	MJD0033	MJD0044	MJD0060	MJD0070
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				
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		MJD0022	MJD0033	MJD0044	MJD0060	MJD0070
Canopy Dimensions	mm (WxDxH)	900x2000x1512	900x2000x1512	1000x2300x1575	1000x2300x1575	1050x2700x1770
Canopy Weight	kg	850	1000	1000	1100	1300
Open Dimensions	mm (WxDxH)	900x1500x1250	900x1750x1400	1000x1750x1400	1000x1750x1400	1050x2100x1600
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.