

## MJD SERIES 150-220 kVA

### TECHNICAL SPECIFICATIONS



GENERATOR GROUP		MJD0150	MJD0175	MJD0200	MJD0220
Stand By Power	kVA	150	175	200	220
	kW	120	140	160	176
Prime Power	kVA	136.3	159	181.8	200
	kW	109	127.2	145.5	160

  

DIESEL ENGINE		DEUTZ			
BRAND		DEUTZ			
Model		BF4M1013FC	BF6M1013ECG1	BF61013ECG2	BF6M1013FCG3
Engine Power - Stand By	kW	129	153	175	201
Engine Power - Prime	kW	117	146	160	183
Engine Speed	(rpm)	1500	1500	1500	1500
Number of Cylinder		4 - In Line	6 - In Line	6 - In Line	6 - In Line
Displacement	(lt)	4.76	7.15	7.15	7.15
Bore x Stroke	(mm)	108x130	108x130	108x130	108x130
Compression Rate		18.1:1	19:1	19:1	19:1
Governor Type		Electronic	Electronic	Electronic	Electronic
Induction		TurboCharged-Intercooler	TurboCharged-Intercooler	TurboCharged-Intercooler	TurboCharged-Intercooler
Combustion System		Direct Injection	Direct Injection	Direct Injection	Direct Injection
Cooling System		Water Cooled	Water Cooled	Water Cooled	Water Cooled
Lubrication Oil Capacity	(lt)	11	20	20	31
Coolant Capacity	(lt)	19.7	23.1	23.1	27.3
Fuel Tank Capacity	(lt)	175	248	353	353
Fuel Consumption lt / h	100% of Prime Power	28.9	35.9	39.2	45.6
	75% of Prime Power	20.9	26.9	29.5	33.6
	50% of Prime Power	14	18.3	19.9	22.6

  

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		MJD0150	MJD0175	MJD0200	MJD0220
Canopy Dimensions	mm (WxDxH)	1050x3000x1880	1050x3000x1880	1200x3420x2200	1200x3420x2200
Canopy Weight	kg	1900	1950	2300	2400
Open Dimensions	mm (WxDxH)	1050x2400x1700	1050x2400x1700	1200x2800x2000	1200x2800x2000
Open Weight	kg	1700	1750	1900	2000

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.