

MJD SERIES 150-220 kVA

TECHNICAL SPECIFICATIONS



GENERATOR GROUP

MODEL		MJD0150	MJD0175	MJD0200	MJD0220
Stand By Power	kVA	150	175	200	220
	kW	120	140	160	176
Prime Power	kVA	135	160	180	200
	kW	121.5	128	144	160

DIESEL ENGINE

BRAND		DEUTZ			
Model		BFM4M1013FC	BFM6M1013ECG1	BF6M1013FCG2	BF6M1013FCG3
Engine Power - Stand By	kW	129	153	183	201
Engine Power - Prime	kW	117	146	166	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	3.11	4.76
Bore x Stroke (mm)		108 x 130	108 x 130	108 x 130	108 x 130
Compression Rate		19:1	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	31	31
Coolant Capacity (lt)		19.7	23.1	27.3	27.3
Fuel Tank Capacity (lt)		180	290	325	325
Fuel Consumption lt / h	100% of Prime Power	28.9	35.9	40.6	40.6
	75% of Prime Power	20.9	26.9	30.2	30.2
	50% of Prime Power	14	18.3	20.3	20.3

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)	1100 x 3400 x 1850	1100 x 3400 x 1850	1200 x 3420 x 2100	1200 x 3420 x 2100
Canopy Weight	kg	1420	1420	2600	2600
Open Dimensions	mm (WxDxH)	1100 x 3400 x 1700	1100 x 3400 x 1700	1200 x 3420 x 2000	1200 x 3420 x 2000
Open Weight	kg	1210	1210	2170	2170

Makelsan reserves the right to make changes in model, specification, color, equipment and accessories without prior notice.