

## 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	136.3	159	181.8	200
	kW	109	127.2	145.5	160

#### DIESEL ENGINE

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

Canopy Dimensions	mm (WxDxH)	1050x3000x2035	1050x3000x2035	1200x3420x2260	1200x3420x2260
Canopy Weight	kg	1700	1900	2150	2400
Open Dimensions	mm (WxDxH)	1050x2400x1750	1050x2400x1750	1200x2800x1780	1200x2800x1780
Open Weight	kg	1390	1650	1750	2000

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.