

## MJD SERIES 80-125 kVA

### TECHNICAL SPECIFICATIONS



#### GENERATOR GROUP

MODEL		MJD0080	MJD0100	MJD0110	MJD0125
Stand By Power	kVA	80	100	110	125
	kW	64	80	88	100
Prime Power	kVA	72.7	91	100	113.6
	kW	58.2	72.7	80	90.9

#### DIESEL ENGINE

BRAND	DEUTZ			
Model	BF4M2012CG1	BF4M2012CG2	BF4M1013ECG1	BF4M1013ECG2
Engine Power - Stand By	75	93	102	116
Engine Power - Prime	68	85	92.7	105
Engine Speed (rpm)	1500	1500	1500	1500
Number of Cylinder	4 - In Line	4 - In Line	4 - In Line	4 - In Line
Displacement (lt)	4.04	4.04	4.76	4.76
Bore x Stroke (mm)	101x126	101x126	108x130	108x130
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)	8.5	8.5	11	19
Coolant Capacity (lt)	15.9	15.9	19.7	19.7
Fuel Tank Capacity (lt)	175	175	175	175
Fuel Consumption lt / h	100% of Prime Power	18	21.3	24.2
	75% of Prime Power	13	15.9	18
	50% of Prime Power	8.9	10.8	12.2

#### 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)	1050x2700x1875	1050x2700x1875	1050x2700x1875	1050x2700x1875
Canopy Weight	kg	1300	1350	1440	1520
Open Dimensions	mm (WxDxH)	1050x2090x1650	1050x2090x1650	1050x2090x1650	1050x2090x1650
Open Weight	kg	1050	1120	1170	1265

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.