



MJR SERIES 165-220 kVA

TECHNICAL SPECIFICATIONS

GENERATOR GROUP

MODEL		MJR0165	MJR0175	MJR0200	MJR0220
Stand By Power	kVA	165	175	200	220
	kW	132	140	160	176
Prime Power	kVA	150	159	181.9	200
	kW	120	126.4	145.5	160

DIESEL ENGINE

BRAND	RICARDO				
Model	R6105IZLD	R6105IZLD	R6108IZLD	R6108IZLD	
Engine Power - Stand By	kW	145	145	185	185
Engine Power - Prime	kW	132	132	165	165
Engine Speed (rpm)		1500	1500	1500	1500
Number of Cylinder		6 - In Line	6 - In Line	6 - In Line	6 - In Line
Displacement (lt)		7.01	7.01	7.01	7.01
Bore x Stroke (mm)		105x135	105x135	110x135	110x135
Compression Rate		16:1	16:1	16:1	16:1
Governor Type		Mechanic/Electronic	Mechanic/Electronic	Mechanic/Electronic	Mechanic/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)		16	16	23	23
Coolant Capacity (lt)		25	25	45	45
Fuel Tank Capacity (lt)		225	225	225	225
Fuel Consumption lt / h	100% of Prime Power	33.5	35.5	49.4	50
	75% of Prime Power	25.1	26.1	37	39.2
	50% of Prime Power	16.7	17.8	24	25.1

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	1050x3000x2035	1050x3000x2035
Canopy Weight	kg	1645	1695	1750	1810
Open Dimensions	mm (WxDxH)	1050x2400x1750	1050x2400x1750	1050x2400x1750	1050x2400x1750
Open Weight	kg	1360	1380	1415	1480

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.