



# MJR SERIES 150-200 kVA

## TECHNICAL SPECIFICATIONS

### GENERATOR GROUP

MODEL		MJR0150	MJR0165	MJR0175	MJR0200
Stand By Power	kVA	150	165	175	200
	kW	120	132	140	160
Prime Power	kVA	136.4	150	159	181.9
	kW	109	120	126.4	145.5

### DIESEL ENGINE

BRAND	RICARDO				
Model	R6105AZLD	R6105IZLD	R6105ZLD	R6108IZLD	
Engine Power - Stand By	121	145	145	173	
Engine Power - Prime	110	132	132	158	
Engine Speed (rpm)	1500	1500	1500	1500	
Number of Cylinder	6 - In Line	6 - In Line	6 - In Line	6 - In Line	
Displacement (lt)	6.75	7.01	7.01	7.01	
Bore x Stroke (mm)	105x130	105x135	105x135	110x135	
Compression Rate	16:1	16:1	16:1	16:1	
Governor Type	Mechanic/Electronic	Mechanic/Electronic	Mechanic/Electronic	Mechanic/Electronic	
Induction	TurboCharged	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	16	23	
Coolant Capacity (lt)	25	25	25	45	
Fuel Tank Capacity (lt)	225	225	225	225	
Fuel Consumption lt / h	100% of Prime Power	30.5	33.5	35.5	49.4
	75% of Prime Power	22.9	25.1	26.1	37
	50% of Prime Power	15.3	16.7	17.8	24

### 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	1640	1645	1695	1750
Open Dimensions	mm (WxDxH)	1050x2400x1750	1050x2400x1750	1050x2400x1750	1050x2400x1750
Open Weight	kg	1400	1360	1380	1415

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.

Aytemiz Jeneratör A.Ş.

Headquarter: İstanbul Deri OSB Alsancak Sk. No: 8/A, 34956 Tuzla - İstanbul / Türkiye  
T: +90 444 2986 F: +90 (0216) 327 5164 E: jenerator@makelsan.com.tr www.makelsan.com.tr