

MJV SERIES 110-200 kVA

TECHNICAL SPECIFICATIONS



GENERATOR GROUP

MODEL		MJV0110	MJV0145	MJV0167	MJV0200
Stand By Power	kVA	110	145	167	200
	kW	88	116	133.6	160
Prime Power	kVA	100	131.8	151.8	181.8
	kW	80	105.5	121.5	145.5

DIESEL ENGINE

BRAND	VOLVO PENTA				
Model	TAD531GE	TAD532GE	TAD731GE	TAD732GE	
Engine Power - Stand By	98	125	148	179	
Engine Power - Prime	88	112	133	160	
Engine Speed (rpm)	1500	1500	1500	1500	
Number of Cylinder	4 - In Line	4 - In Line	6 - In Line	6 - In Line	
Displacement (lt)	4.76	4.76	7.15	7.15	
Bore x Stroke (mm)	108x130	108x130	108x130	108x130	
Compression Rate	18:1	17.5:1	18:1	18:1	
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)	13	11	20	34	
Coolant Capacity (lt)	19.7	20.2	23.8	41.8	
Fuel Tank Capacity (lt)	180	280	380	380	
Fuel Consumption lt / h	100% of Prime Power	22.6	31.5	33.6	40.1
	75% of Prime Power	16.9	23.1	25.2	30
	50% of Prime Power	11.6	15.6	17.1	20.6

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)	1050x3000x2130	1050x3000x2130	1050x3000x2130	1050x3000x2130
Canopy Weight	kg	1305	1565	1810	1955
Open Dimensions	mm (WxDxH)	1050x2400x1750	1050x2400x1750	1050x2400x1750	1050x2400x1750
Open Weight	kg	1100	1315	1560	1705

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.

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