



MJV SERIES 550-770 kVA

TECHNICAL SPECIFICATIONS

GENERATOR GROUP

MODEL		MJV0550	MJV0660	MJV0700	MJV0770
Stand By Power	kVA	550	660	700	770
	kW	440	528	560	616
Prime Power	kVA	500	600	636.3	700
	kW	400	480	509.1	560

DIESEL ENGINE

BRAND	VOLVO PENTA				
Model	TAD1641GE	TAD1642GE	TWD1643GE	TWD1645GE	
Engine Power - Stand By	kW	473	554	596	654
Engine Power - Prime	kW	430	503	536	588
Engine Speed (rpm)		1500	1500	1500	1500
Number of Cylinder		6 - In Line	6 - In Line	6 - In Line	6 - In Line
Displacement (lt)		12.78	12.78	12.78	12.78
Bore x Stroke (mm)		131x158	131x158	131x158	131x158
Compression Rate		18.1:1	18.1:1	18.1:1	18.1:1
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)		36	36	36	36
Coolant Capacity (lt)		44	44	44	44
Fuel Tank Capacity (lt)		1050	1050	1050	1050
Fuel Consumption lt / h	100% of Prime Power	101.8	118.5	127.0	133.5
	75% of Prime Power	75.2	87.6	93.9	99.4
	50% of Prime Power	50.9	58.4	62.5	68.4

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)	1750x3700x2120	2100x4800x2300	2100x4800x2300	2100x4800x2300
Canopy Weight	kg	3960	4165	4640	4690
Open Dimensions	mm (WxDxH)	1750x3504x2000	2100x4000x2200	2100x4000x2200	2100x4000x2200
Open Weight	kg	3420	3625	4100	4150

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