

MJD SERIES 550-700 kVA

TECHNICAL SPECIFICATIONS



GENERATOR GROUP

MODEL		MJD0550	MJD0570	MJD0640	MJD0700
Stand By Power	kVA	550	570	640	700
	kW	440	456	512	560
Prime Power	kVA	500	518.2	581.8	636.4
	kW	400	414.5	465.4	509.1

DIESEL ENGINE

BRAND	DEUTZ				
Model	BF8M1015C LA G2	BF8M1015CP LA G4	BF8M1015CP LA G4	BF8M1015CP LA G5	
Engine Power - Stand By	kW	440	540	540	560
Engine Power - Prime	kW	400	491	491	509
Engine Speed (rpm)		1500	1500	1500	1500
Number of Cylinder		8 - V Type	8 - V Type	8 - V Type	8 - V Type
Displacement (lt)		15.9	15.9	15.9	15.9
Bore x Stroke (mm)		132x145	132x145	132x145	132x145
Compression Rate		16.5:1	16.5:1	16.5:1	16.5:1
Governor Type		Electronic	Electronic	Electronic	Electronic
Induction		TurboŞarj-Intercooler	TurboŞarj-Intercooler	TurboŞarj-Intercooler	TurboŞarj-Intercooler
Combustion System		Direkt	Direkt	Direkt	Direkt
Cooling System		Water Cooled	Water Cooled	Water Cooled	Water Cooled
Lubrication Oil Capacity (lt)		48	48	48	48
Coolant Capacity (lt)		87	93	93	93
Fuel Tank Capacity (lt)		702	702	1003	1003
Fuel Consumption lt / h	100% of Prime Power	94.0	104.7	104.7	118.8
	75% of Prime Power	70.5	78.5	78.5	89.1
	50% of Prime Power	47.0	52.3	52.3	59.4

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	2100x4800x2330	2100x4800x2330	2100x4800x2330
Canopy Weight	kg	3650	4400	4520	4520
Open Dimensions	mm (WxDxH)	1750x3504x2000	2100x4000x2200	2100x4000x2200	2100x4000x2200
Open Weight	kg	3850	3900	4000	4050

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