

MJD SERIES 550-700 kVA

TECHNICAL SPECIFICATIONS



GENERATOR GROUP		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		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)		878	878	878	878
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		MJD0550	MJD0570	MJD0640	MJD0700
Canopy Dimensions	mm (WxDxH)	1970x4000x2750	1970x4000x2750	1970x4000x2750	1970x4000x2750
Canopy Weight	kg	4400	4520	4520	4700
Open Dimensions	mm (WxDxH)	1970x4000x2300	1970x4000x2300	1970x4000x2300	1970x4000x2300
Open Weight	kg	3850	3900	4000	4050

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.