



MJS SERIES 500-700 kVA

TECHNICAL SPECIFICATIONS

GENERATOR GROUP		MJS0500	MJS0550	MJS0570	MJS0630	MJS0700
MODEL						
	Stand By Power	kVA 500	kVA 550	kVA 570	kVA 630	kVA 700
		kW 400	kW 440	kW 456	kW 504	kW 560
Prime Power		kVA 455	kVA 500	kVA 518.2	kVA 572.7	kVA 636
		kW 364	kW 400	kW 414.5	kW 458.2	kW 509
DIESEL ENGINE		SHANGHAI DONGFENG				
BRAND		SHANGHAI DONGFENG				
Model		SMG258TAD45	SMG258TAD46	SMG258TAD51	SMG266TAD56	SMG266TAD63
Engine Power - Stand By	kW	450	560	510	565	630
Engine Power - Prime	kW	409	418	464	514	573
Engine Speed (rpm)		1500	1500	1500	1500	1500
Number of Cylinder		6 - In Line	6 - In Line	12 - V Type	12 - V Type	12 - V Type
Displacement (lt)		14.2	14.8	25.8	25.8	25.8
Bore x Stroke (mm)		135x165	138x168	135x150	135x160	135x150
Compression Rate		15.5:1	16:1	16:1	16:1	16:1
Governor Type		Electronic	Electronic	Electronic	Electronic	Electronic
Induction		TurboCharged-Intercooler	TurboCharged-Intercooler	TurboCharged-Intercooler	TurboCharged-Intercooler	TurboCharged-Intercooler
Combustion System		Direct Injection	Direct Injection	Direct Injection	Direct Injection	Direct Injection
Cooling System		Water Cooled	Water Cooled	Water Cooled	Water Cooled	Water Cooled
Lubrication Oil Capacity (lt)		48	48	60	60	65
Coolant Capacity (lt)		88	88	108	108	108
Fuel Tank Capacity (lt)		457	548	548	1003	1003
Fuel Consumption lt / h	100% of Prime Power	76,4	84,0	87,0	96,2	106,9
	75% of Prime Power	57,3	63,0	65,3	72,2	80,2
	50% of Prime Power	38,2	42,0	43,5	48,1	53,4
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)	1600x3700x2200	1750x3700x2120	2100x4800x2330	2100x4800x2330	2100x4800x2330
Canopy Weight	kg	3700	3750	5300	5450	5350
Open Dimensions	mm (WxDxH)	1600x3200x2000	1750x3504x2000	2100x4000x2200	2100x4000x2200	2100x4000x2200
Open Weight	kg	3200	3250	4480	4550	4775

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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