

MJS SERIES 460-630 kVA

TECHNICAL SPECIFICATIONS



GENERATOR GROUP					
MODEL		MJS0460	MJS0515	MJS0570	MJS0630
Stand By Power	kVA	460	515	570	630
	kW	368	412	456	504
Prime Power	kVA	418.2	468.2	518.2	572.7
	kW	334.5	374.5	414.5	458.2

DIESEL ENGINE		SHANGHAI DONGFENG			
Model		SMG142TAD38	SMG258TAD45	SMG258TAD51	SMG266TAD56
Engine Power - Stand By	kW	378	450	510	565
Engine Power - Prime	kW	344	409	464	514
Engine Speed (rpm)		1500	1500	1500	1500
Number of Cylinder		6 - In Line	6 - In Line	12 - V Type	12 - V Type
Displacement (lt)		12.9	14.2	25.8	25.8
Bore x Stroke (mm)		135x150	135x165	135x150	135x160
Compression Rate		15.5:1	15.5:1	16:1	16:1
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)		40	48	60	60
Coolant Capacity (lt)		64	88	108	108
Fuel Tank Capacity (lt)		491	885	885	885
Fuel Consumption lt / h	100% of Prime Power	71	71	105	105
	75% of Prime Power	53	53	78	78
	50% of Prime Power	36	36	53	53

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)	1400x3700x2626,5	1400x3700x2626,5	1800x4800x2780	1800x4800x2780
Canopy Weight	kg	3600	4500	5300	5450
Open Dimensions	mm (WxDxH)	1400x3200x2000	1400x3200x2000	1800x4000x2200	1800x4000x2200
Open Weight	kg	3120	3900	4480	4550

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.