

MJS SERIES 460-550 kVA

TECHNICAL SPECIFICATIONS



GENERATOR GROUP

MODEL		MJS0460	MJS0515	MJS0550
Stand By Power	kVA	460	515	550
	kW	368	412	440
Prime Power	kVA	418.2	468.2	500
	kW	334.5	374.5	400

DIESEL ENGINE

BRAND		SHANGHAI DONGFENG		
Model		SMG142TAD38	SMG258TAD45	SMG258TAD46
Engine Power - Stand By	kW	378	450	560
Engine Power - Prime	kW	344	409	418
Engine Speed (rpm)		1500	1500	1500
Number of Cylinder		6 - In Line	6 - In Line	6 - In Line
Displacement (lt)		12.9	14.2	14.8
Bore x Stroke (mm)		135x150	135x165	138x168
Compression Rate		15.5:1	15.5:1	16:1
Governor Type		Electronic	Electronic	Electronic
Induction		TurboCharged-Intercooler	TurboCharged-Intercooler	TurboCharged-Intercooler
Combustion System		Direct Injection	Direct Injection	Direct Injection
Cooling System		Water Cooled	Water Cooled	Water Cooled
Lubrication Oil Capacity (lt)		40	48	48
Coolant Capacity (lt)		64	88	88
Fuel Tank Capacity (lt)		491	885	885
Fuel Consumption	100% of Prime Power	71	71	71
	75% of Prime Power	53	53	53
	50% of Prime Power	36	36	36

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	1600x3700x2626,5
Canopy Weight	kg	3600	3700	3750
Open Dimensions	mm (WxDxH)	1400x3200x2000	1400x3200x2000	1600x3200x2000
Open Weight	kg	3120	3200	3250

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.