



## MJS SERIES 220-440 kVA

### TECHNICAL SPECIFICATIONS

#### GENERATOR GROUP

MODEL		MJS0220	MJS0275	MJS0330	MJS0400	MJS0440
Stand By Power	kVA	220	275	330	400	440
	kW	176	220	264	320	352
Prime Power	kVA	200	250	300	363.6	400
	kW	160	200	240	290.9	320

#### DIESEL ENGINE

BRAND	SHANGHAI DONGFENG					
Model	SM129TD21	SM129TAD24	SMG128TAD28	SMG128TAD31	SMG142TAD38	
Engine Power - Stand By	kW	206	245	280	324	378
Engine Power - Prime	kW	187	223	255	295	344
Engine Speed (rpm)		1500	1500	1500	1500	1500
Number of Cylinder		6 - In Line	6 - In Line	6 - In Line	6 - In Line	6 - In Line
Displacement (lt)		8.27	8.27	8.82	12.9	12.9
Bore x Stroke (mm)		114x135	114x135	114x135	135x150	135x150
Compression Rate		18:1	18:1	18:1	17:1	15.5:1
Governor Type		Electronic	Electronic	Electronic	Electronic	Electronic
Induction		TurboCharged	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)		30	30	30	40	40
Coolant Capacity (lt)		48	48	48	64	64
Fuel Tank Capacity (lt)		415	415	415	457	457
Fuel Consumption lt / h	100% of Prime Power	33,6	42,0	50,4	61,1	67,2
	75% of Prime Power	25,2	31,5	37,8	45,8	50,4
	50% of Prime Power	16,8	21,0	25,2	30,5	33,6

#### 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)	1200x3420x2260	1200x3420x2260	1200x3420x2260	1600x3700x2200	1600x3700x2200
Canopy Weight	kg	2250	2400	2430	3450	3600
Open Dimensions	mm (WxDxH)	1200x2800x1780	1200x2800x1780	1200x2800x1780	1600x3200x2000	1600x3200x2000
Open Weight	kg	1900	1950	2100	3035	3120

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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