

MJS SERIES 220-400 kVA

TECHNICAL SPECIFICATIONS



GENERATOR GROUP		MJS0220	MJS0285	MJS0330	MJS0400
MODEL					
	Stand By Power	kVA 220	kVA 285	kVA 330	kVA 400
		kW 176	kW 228	kW 264	kW 320
Prime Power		kVA 200	kVA 259.1	kVA 300	kVA 363.6
		kW 160	kW 207.3	kW 240	kW 290.9
DIESEL ENGINE		SHANGHAI DONGFENG			
BRAND		SHANGHAI DONGFENG			
Model		SM129TD21	SM129TAD24	SMG128TAD28	SMG128TAD31
Engine Power - Stand By	kW	206	245	280	324
Engine Power - Prime	kW	187	223	255	295
Engine Speed (rpm)		1500	1500	1500	1500
Number of Cylinder		6 - In Line	6 - In Line	6 - In Line	6 - In Line
Displacement (lt)		8.27	8.27	8.82	12.9
Bore x Stroke (mm)		114x135	114x135	114x135	135x150
Compression Rate		18:1	18:1	18:1	17:1
Governor Type		Electronic	Electronic	Electronic	Electronic
Induction		TurboCharged	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)		30	30	30	40
Coolant Capacity (lt)		48	48	48	64
Fuel Tank Capacity (lt)		353	353	353	491
Fuel Consumption	100% of Prime Power	52	52	52	71
	75% of Prime Power	39	39	39	53
	50% of Prime Power	27	27	27	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)	1200x3420x2150	1200x3420x2150	1200x3420x2150	1400x3700x2626,5
Canopy Weight	kg	2350	2400	2600	3450
Open Dimensions	mm (WxDxH)	1200x2800x1750	1200x2800x1750	1200x3420x1750	1400x3200x2000
Open Weight	kg	2050	2100	2270	3035

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.