

MJP SERIES 300-500 kVA

TECHNICAL SPECIFICATIONS



GENERATOR GROUP		MJP0300	MJP0330	MJP0400	MJP0450	MJP0500
MODEL						
	Stand By Power	kVA 300	kVA 330	kVA 400	kVA 450	kVA 500
		kW 240	kW 264	kW 320	kW 360	kW 400
Prime Power		kVA 272.7	kVA 300	kVA 363.6	kVA 409	kVA 455
		kW 218.2	kW 240	kW 290.9	kW 327	kW 364
DIESEL ENGINE		PERKINS				
BRAND		PERKINS				
Model		1506A-E88TAG4	1506A-E88TAG5	2206A-E13TAG2	2206A-E13TAG3	2506A-E15TAG1
Engine Power - Stand By	kW	281	307	368	412	451
Engine Power - Prime	kW	255.5	279	334	374	410
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)		8.8	8.8	12.5	12.5	15.2
Bore x Stroke (mm)		112x149	112x149	130x157	130x157	137x171
Compression Rate		16.1:1	16.1:1	16.3:1	16.3:1	16.0:1
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)		41	41	40	40	62
Coolant Capacity (lt)		33.2	33.2	51.4	51.4	58
Fuel Tank Capacity (lt)		450	550	550	550	970
Fuel Consumption lt / h	100% of Prime Power	60	60	71	81	95
	75% of Prime Power	46	46	54	62	72
	50% of Prime Power	32.2	32.2	37	42	50
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)	1300x3800x1900	1400x4200x2200	1400x4200x2200	1400x4200x2200	1400x4200x2200
Canopy Weight	kg	1780	2690	3900	4100	4200
Open Dimensions	mm (WxDxH)	1300x3800x1750	1400x4200x2050	1400x4200x2050	1400x4200x2050	1400x4200x2050
Open Weight	kg	1530	2655	3200	3400	3500

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.