

MJP SERIES 550-825 kVA

TECHNICAL SPECIFICATIONS



GENERATOR GROUP		MJP0550	MJP0660	MJP0700	MJP0785	MJP0825
MODEL						
	Stand By Power	kVA 550	kVA 660	kVA 700	kVA 785	kVA 825
		kW 440	kW 528	kW 560	kW 625	kW 660
Prime Power		kVA 500	kVA 600	kVA 636	kVA 713.6	kVA 750
		kW 400	kW 480	kW 508.8	kW 570.9	kW 600
DIESEL ENGINE		PERKINS				
BRAND		PERKINS				
Model		2506A-E15TAG2	2806A-E18TAG1A	2806A-E18TAG2	2806A-E18TAG4	2806A-E18TAG5
Engine Power - Stand By	kW	495	593	628	685	695
Engine Power - Prime	kW	450	539	571	623	632
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)		15.2	18.1	18.1	18.1	18.1
Bore x Stroke (mm)		137x171	145x183	145x183	145x183	145x183
Compression Rate		16.0:1	14.5:1	14.5:1	14.5:1	14:1
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)		62	62	62	68	68
Coolant Capacity (lt)		58	61	61	109.5	109.5
Fuel Tank Capacity (lt)		970	970	970	970	1100
Fuel Consumption lt / h	100% of Prime Power	100	111	143	143	162
	75% of Prime Power	76	81	105	105	118
	50% of Prime Power	53	55	72	72	81
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		MJP0550	MJP0660	MJP0700	MJP0785	MJP0825
Canopy Dimensions	mm (WxDxH)	1400x4200x2200	1400x4200x2200	1400x4200x2200	1800x4800x311	1400x4200x2200
Canopy Weight	kg	4200	4900	5100	8817	7600
Open Dimensions	mm (WxDxH)	1400x4200x2050	1400x4200x2050	1400x4200x2050	1800x4290x2475	1400x4200x2050
Open Weight	kg	3500	4200	4400	7310	6900

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.