

## MJP SERIES 165-275 kVA

### TECHNICAL SPECIFICATIONS



GENERATOR GROUP		MJP0165	MJP0200	MJP0220	MJP0250	MJP0275
MODEL						
	Stand By Power	kVA 165	kVA 200	kVA 220	kVA 250	kVA 275
		kW 132	kW 160	kW 176	kW 200	kW 220
Prime Power		kVA 150	kVA 181.9	kVA 200	kVA 230	kVA 250
		kW 120	kW 145.4	kW 160	kW 184	kW 200
DIESEL ENGINE		PERKINS				
BRAND		PERKINS				
Model		1106A-70TAG2	1106A-70TAG3	1106A-70TAG4	1206A-E70TAG2	1206A-E70TAG3
Engine Power - Stand By	kW	149	177	196	226	249
Engine Power - Prime	kW	135.5	161	178.2	205.5	226
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)		7.01	7.01	7.01	7.01	8.8
Bore x Stroke (mm)		105x135	105x135	105x135	105x135	112x149
Compression Rate		18.2:1	16:01	16:01	15.8:1	16.1:1
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)		16.5	16.5	16.5	16	16
Coolant Capacity (lt)		21	21	21	25	25
Fuel Tank Capacity (lt)		250	250	350	350	350
Fuel Consumption lt / h	100% of Prime Power	33.4	42.1	45.8	51	56.9
	75% of Prime Power	24.7	31.6	34.3	38	41.5
	50% of Prime Power	16.4	21.9	22.9	26	28
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		MJP0165	MJP0200	MJP0220	MJP0250	MJP0275
Canopy Dimensions	mm (WxDxH)	1050x2995x1932	1100x3420x2200	1100x3420x2200	1300x3800x2600	1300x3800x2600
Canopy Weight	kg	1950	2300	2400	2700	3000
Open Dimensions	mm (WxDxH)	1050x2400x1650	1100x2800x1900	1100x2800x1900	1300x2800x2100	1300x2800x2100
Open Weight	kg	1700	1950	2000	2350	2595

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.