

MJP SERIES 165-275 kVA

TECHNICAL SPECIFICATIONS



GENERATOR GROUP

MODEL		MJP0165	MJP0200	MJP0220	MJP0250	MJP0275
Stand By Power	kVA	165	200	220	250	275
	kW	132	160	176	200	220
Prime Power	kVA	150	181.9	200	230	250
	kW	120	145.4	160	184	200

DIESEL ENGINE

BRAND	PERKINS					
Model	1106A-70TAG2	1106A-70TAG3	1106A-70TAG4	1206A-E70TAG2	1206A-E70TAG3	
Engine Power - Stand By	149	177	196	226	249	
Engine Power - Prime	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	7.01	
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

Canopy Dimensions	mm (WxDxH)	1050x3000x2035	1050x3000x2260	1050x3000x2260	1300x3800x2600	1300x3800x2600
Canopy Weight	kg	1850	2300	2400	2700	3000
Open Dimensions	mm (WxDxH)	1050x2400x1750	1050x2400x1780	1050x2400x1780	1300x2800x2100	1300x2800x2100
Open Weight	kg	1570	1950	2000	2350	2595

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.