

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	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	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.

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