

MJP SERIES 300-500 kVA

TECHNICAL SPECIFICATIONS



GENERATOR GROUP

MODEL		MJP0300	MJP0330	MJP0400	MJP0450	MJP0500
Stand By Power	kVA	300	330	400	450	500
	kW	240	264	320	360	400
Prime Power	kVA	272.7	300	363.6	409	455
	kW	218.2	240	290.9	327	364

DIESEL ENGINE

BRAND	PERKINS					
Model	1506A-E88TAG4	1506A-E88TAG5	2206A-E13TAG2	2206A-E13TAG3	2506A-E15TAG1	
Engine Power - Stand By	281	307	368	412	451	
Engine Power - Prime	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)	1350x4000x1900	1400x4200x2200	1400x4200x2200	1400x4200x2200	1400x4200x2200
Canopy Weight	kg	1780	2690	3900	4100	4200
Open Dimensions	mm (WxDxH)	1350x4000x1750	1400x4200x2050	1400x4200x2050	1400x4200x2050	1400x4200x2050
Open Weight	kg	1530	2655	3200	3400	3500

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.