

MJP SERIES 66-150 kVA

TECHNICAL SPECIFICATIONS



GENERATOR GROUP

MODEL		MJP0066	MJP0072	MJP0088	MJP0110	MJP0150
Stand By Power	kVA	66	72	88	110	E150
	kW	52.8	57.6	70.4	88	120
Prime Power	kVA	60	65.5	80	102	135
	kW	48	52.3	64	81.6	108

DIESEL ENGINE

BRAND	PERKINS					
Model	1103A-33TG2	1104A-44TG1	1104A-44TG2	1104C-44TAG2	1160A-70TG1	
Engine Power - Stand By	kW	60.5	65.6	80.7	103	137
Engine Power - Prime	kW	55	59.6	73.4	90.3	124.5
Engine Speed (rpm)		1500	1500	1500	1500	1500
Number of Cylinder		3 - In Line	4 - In Line	4 - In Line	4 - In Line	6 - In Line
Displacement (lt)		3.3	4.4	4.4	4.4	7.01
Bore x Stroke (mm)		105x127	105x127	105x127	105x127	105x135
Compression Rate		17.25:1	17.25:1	17.25:1	18.2:1	18.2:1
Governor Type		Mechanic	Mechanic	Mechanic	Electronic	Mechanic
Induction		TurboCharged	TurboCharged	TurboCharged	TurboCharged-Intercooler	TurboCharged
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)		8.3	8	8	8	16.5
Coolant Capacity (lt)		10.2	13	13	13	21
Fuel Tank Capacity (lt)		175	175	175	175	250
Fuel Consumption lt / h	100% of Prime Power	13.9	14.8	18.7	22.6	30.2
	75% of Prime Power	10.4	11.2	14	17.1	22.7
	50% of Prime Power	7.2	8	9.7	11.2	15.9

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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

		MJP0066	MJP0072	MJP0088	MJP0110	MJP0150
Canopy Dimensions	mm (WxDxH)	1000x2300x1875	1050x2700x1875	1050x2700x1875	1050x2700x1875	1050x3000x2035
Canopy Weight	kg	1120	1250	1350	1400	1750
Open Dimensions	mm (WxDxH)	1000x1700x1650	1050x2100x1650	1050x2100x1650	1050x2100x1650	1050x2400x1750
Open Weight	kg	980	1000	1100	1250	1400

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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