

MJP SERIES 66-150 kVA

TECHNICAL SPECIFICATIONS



GENERATOR GROUP		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		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		Rotary Pump	Rotary Pump	Rotary Pump	Rotary Pump	Electronic
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

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)	1050x2700x1770	1050x2700x1770	1050x2700x1770	1050x2700x1770	1050x2995x1932
Canopy Weight	kg	1120	1250	1400	1600	1900
Open Dimensions	mm (WxDxH)	1050x2100x1600	1050x2100x1600	1050x2100x1600	1050x2100x1600	1050x2400x1650
Open Weight	kg	980	1000	1150	1250	1650

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.