

MJP SERIES 10-50 kVA

TECHNICAL SPECIFICATIONS



GENERATOR GROUP		MJP0010	MJP0015	MJP0022	MJP0033	MJP0050
Stand By Power	kVA	10	15	22	33	50
	kW	8	12	17.8	26.4	40
Prime Power	kVA	9	13	20	30	45
	kW	7.2	10.4	16	24	36

DIESEL ENGINE		PERKINS				
Model		403A-11G1	403A-15G1	404A-22G1	1103A-33G	1103A-33TG1
Engine Power - Stand By	kW	9.2	13.2	20.3	31	46.5
Engine Power - Prime	kW	8.4	12	18.4	28.2	42
Engine Speed (rpm)		1500	1500	1500	1500	1500
Number of Cylinder		4 - In Line	4 - In Line	4 - In Line	4 - In Line	4 - In Line
Displacement (lt)		1.13	1.49	2.21	3.62	4.33
Bore x Stroke (mm)		77x81	84x90	84x100	105x127	105x125
Compression Rate		23:1	22.5:1	23.3:1	18.01	17.01
Governor Type		Mechanic	Mechanic	Mechanic	Rotary Pump	Rotary Pump
Induction		Natural	Natural	Natural	Natural	TurboCharged
Combustion System		Indirect	Indirect	Indirect	Direct Injection	Direct Injection
Cooling System		Water Cooled	Water Cooled	Water Cooled	Water Cooled	Water Cooled
Lubrication Oil Capacity (lt)		4.4	6	10.6	8.3	8.3
Coolant Capacity (lt)		5.2	6	7	10.2	10.2
Fuel Tank Capacity (lt)		92	92	92	138	138
Fuel Consumption lt / h	100% of Prime Power	3	3.7	5.3	7.1	10.7
	75% of Prime Power	2.3	2.8	4	5.4	8.2
	50% of Prime Power	1.7	2	2.9	3.9	5.7

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		MJP0010	MJP0015	MJP0022	MJP0033	MJP0050
Canopy Dimensions	mm (WxDxH)	900x2000x1512	900x2000x1512	900x2000x1512	1000x2300x1575	1000x2300x1575
Canopy Weight	kg	850	875	900	1000	1100
Open Dimensions	mm (WxDxH)	900x1500x1250	900x1500x1250	900x1500x1250	1000x1750x1400	1000x1750x1400
Open Weight	kg	680	700	750	825	965

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.