

MJY SERİSİ 55-105 kVA

TECHNICAL SPECIFICATIONS



GENERATOR GROUP

MODEL		MJY0055	MJY0070	MJY0077	MJY0105
Stand By Power	kVA	55	70	77	105
	kW	44	56	61.6	84
Prime Power	kVA	50	63.6	70	95.5
	kW	40	50.9	56	76.4

DIESEL ENGINE

BRAND		YANG DONG			
Model		Y4102ZLD	Y4105ZLD	YD4EZLD	Y4110ZLD
Engine Power - Stand By	kW	52.8	66	72.6	99
Engine Power - Prime	kW	48	60	66	90
Engine Speed (rpm)		1500	1500	1500	1500
Number of Cylinder		4 - In Line	4 - In Line	4 - In Line	4 - In Line
Displacement (lt)		3.87	4.1	4.1	4.4
Bore x Stroke (mm)		102x118	105x118	105x118	110x118
Compression Rate		18:1	18:1	18:1	18:1
Governor Type		Mechanic/Electronic	Mechanic/Electronic	Mechanic/Electronic	Electronic
Induction		TurboCharged-Intercooler	TurboCharged-Intercooler	TurboCharged-Intercooler	TurboCharged-Intercooler
Combustion System		Direct Injection	Direct Injection	Direct Injection	Direct Injection
Cooling System		Water Cooled	Water Cooled	Water Cooled	Water Cooled
Lubrication Oil Capacity (lt)		13	13	13	14
Coolant Capacity (lt)		15.1	15.1	15.8	18
Fuel Tank Capacity (lt)		125	160	160	160
Fuel Consumption lt / h	100% of Prime Power	12.7	15.5	16.9	23.2
	75% of Prime Power	9.6	11.8	12.7	17.7
	50% of Prime Power	6.4	7.9	8.6	11.8

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)	1000x2300x1575	1050x2700x1770	1050x2700x1770	1050x2700x1770
Canopy Weight	kg	1200	1280	1300	1375
Open Dimensions	mm (WxDxH)	1000x1750x1350	1050x2100x1600	1050x2100x1600	1050x2100x1600
Open Weight	kg	970	1040	1060	1135

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.