

## MJY SERIES 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)	1000x2300x1715	1050x2700x1875	1050x2700x1875	1050x2700x1875
Canopy Weight	kg	1150	1240	1280	1375
Open Dimensions	mm (WxDxH)	1000x1750x1450	1050x2090x1650	1050x2090x1650	1050x2090x1650
Open Weight	kg	945	1040	1060	1135

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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