

MJY SERIES 17-45 kVA

TECHNICAL SPECIFICATIONS



GENERATOR GROUP

MODEL		MJY0017	MJY0022	MJY0028	MJY0033	MJY0045
Stand By Power	kVA	17	22	28	33	45
	kW	13.6	17.6	24.4	26.4	36
Prime Power	kVA	15	20	25.4	30	40.9
	kW	12	16	20.3	24	32.7

DIESEL ENGINE

BRAND	YANG DONG					
Model	YD480D	YND485	Y490D	Y495D	Y4105D	
Engine Power - Stand By	16	19	26.4	30	41.8	
Engine Power - Prime	14	17	24	27	38	
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)	1.809	2.156	2.67	2.97	4.1	
Bore x Stroke (mm)	80x90	85x95	90x105	95x105	105x118	
Compression Rate	18:1	18:1	18:1	18:1	18:1	
Governor Type	Mechanic/Electronic	Mechanic/Electronic	Mechanic/Electronic	Mechanic/Electronic	Mechanic/Electronic	
Induction	Natural	Natural	Natural	Natural	Natural	
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)	4.5	5.5	7.6	7.6	13	
Coolant Capacity (lt)	11.4	12.6	14.2	14.2	16.8	
Fuel Tank Capacity (lt)	90	90	90	125	125	
Fuel Consumption lt / h	100% of Prime Power	4.16	4.94	6.06	7.6	10.5
	75% of Prime Power	3.12	3.85	5.1	5.81	8.1
	50% of Prime Power	2.08	2.4	3.41	3.75	5.4

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)	900x2000x1310	900x2000x1310	900x2000x1310	900x2000x1310	1000x2300x1715
Canopy Weight	kg	715	740	810	840	1050
Open Dimensions	mm (WxDxH)	900x1500x1100	900x1500x1100	900x1500x1100	900x1500x1100	1000x2300x1450
Open Weight	kg	530	545	610	640	850

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.