

MJY SERIES 17-45 kVA

TECHNICAL SPECIFICATIONS



GENERATOR GROUP		MJY0017	MJY0022	MJY0028	MJY0033	MJY0045	
MODEL							
	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		YANG DONG					
BRAND		YANG DONG					
Model		YD4800	YND4850	Y490D	Y495D	Y4105D	
Engine Power - Stand By	kW	16	19	26.4	30	41.8	
Engine Power - Prime	kW	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	1000x2300x1715	1000x2300x1715	
Canopy Weight	kg	715	780	830	940	1100	
Open Dimensions	mm (WxDxH)	900x1500x1100	900x1500x1100	900x1500x1100	1000x2300x1450	1000x2300x1450	
Open Weight	kg	460	560	640	750	895	

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.