

MJY SERİSİ 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		YD4800	YND4850	Y490D	Y495D	Y4105D
Model						
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		900x2000x1512	900x2000x1512	900x2000x1512	1000x2300x1575	1000x2300x1575
Canopy Dimensions mm (WxDxH)						
Canopy Weight kg		715	780	830	940	1100
Open Dimensions mm (WxDxH)		900x1500x1195	900x1500x1195	900x1500x1195	1000x2300x1350	1000x2300x1350
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.