

MJV SERIES 385-500 kVA

TECHNICAL SPECIFICATIONS



GENERATOR GROUP

MODEL		MJV0385	MJV0415	MJV0450	MJV0500
Stand By Power	kVA	385	415	450	500
	kW	308	332	360	400
Prime Power	kVA	350	370	400	450
	kW	280	296	320	320

DIESEL ENGINE

BRAND	VOLVO PENTA				
Model	TAD1342GE	TAD1343GE	TAD1344GE	TAD1341GE	
Engine Power - Stand By	kW	298	356	389	431
Engine Power - Prime	kW	271	325	354	388
Engine Speed (rpm)		1500	1500	1500	1500
Number of Cylinder		6 - In Line	6 - In Line	6 - In Line	6 - In Line
Displacement (lt)		12.78	12.78	12.78	12.78
Bore x Stroke (mm)		131x158	131x158	131x158	131x158
Compression Rate		18.1:1	18.1:1	18.1:1	18.1:1
Governor Type		Electronic	Electronic	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)		36	36	36	36
Coolant Capacity (lt)		44	44	44	44
Fuel Tank Capacity (lt)		1050	1050	1050	1050
Fuel Consumption lt / h	100% of Prime Power	68.1	73.4	80.8	89.5
	75% of Prime Power	51.6	55.3	61.5	67.4
	50% of Prime Power	35.8	38.2	41.6	45.4

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)	1400x4200x2200	1400x4200x2200	1400x4200x2200	1970x5000x2500
Canopy Weight	kg	1960	2710	3575	3575
Open Dimensions	mm (WxDxH)	1400x4200x2050	1400x4200x2050	1400x4200x2050	1970x5000x2250
Open Weight	kg	3035	3080	3715	3260

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.