



MJL SERIES 385-550 kVA

TECHNICAL SPECIFICATIONS

GENERATOR GROUP		MJL0385	MJL0413	MJL0440	MJL0495	MJL0550
MODEL	kVA	385	413	440	495	550
	kW	308	330	352	396	440
Stand By Power	kVA	350	375	400	450	500
	kW	280	300	320	360	400
DIESEL ENGINE						
BRAND						
LISTER PETER						
Model		LP612G3	LP613G1	LP613G2	LP613EG2	LP613EG3
Engine Power - Stand By	kW	338	373	405	441	490
Engine Power - Prime	kW	307	339	368	401	441
Engine Speed (rpm)		1500	1500	1500	1500	1500
Number of Cylinder		6 - In Line	6 - In Line	6 - In Line	6 - In Line	6 - In Line
Displacement (lt)		11.8	12.8	12.8	12.8	12.8
Bore x Stroke (mm)		128x153	130x161	130x161	130x161	130x161
Compression Rate		17.0:1	17.0:1	17.0:1	17.0:1	17.0:1
Governor Type		Electronic	Electronic	Electronic	ECU	ECU
Induction		Turbo-AirtoAirIntercooler	Turbo-AirtoAirIntercooler	Turbo-AirtoAirIntercooler	Turbo-AirtoAirIntercooler	Turbo-AirtoAirIntercooler
Combustion System		Direct Injection	Direct Injection	Direct Injection	BoschCommonRail ECU	BoschCommonRail ECU
Cooling System		Water Cooled	Water Cooled	Water Cooled	Water Cooled	Water Cooled
Lubrication Oil Capacity (lt)		41	36	36	36	40
Coolant Capacity (lt)		56	56	56	56	56
Fuel Tank Capacity (lt)		433.8	433.8	433.8	433.8	547.8
Fuel Consumption lt / h	100% of Prime Power	72.9	88	84.8	99.1	109
	75% of Prime Power	54.1	64	64.1	72.3	81
	50% of Prime Power	37	42	42	48	55
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)	1400x3700x2626,5	1400x3700x2626,5	1400x3700x2626,5	1400x3700x2626,5	1600x3700x2626,5
Canopy Weight	kg	3350	3450	3540	3700	3750
Open Dimensions	mm (WxDxH)	1400x3200x2000	1400x3200x2000	1400x3200x2000	1400x3200x2000	1600x3200x2000
Open Weight	kg	2850	2950	3040	3200	3250

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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