

MJL SERIES 227-358 kVA

TECHNICAL SPECIFICATIONS



GENERATOR GROUP

| MODEL | | MJL0227 | MJL0248 | MJL0275 | MJL0308 | MJL0358 |
|----------------|-----|---------|---------|---------|---------|---------|
| Stand By Power | kVA | 227 | 248 | 275 | 308 | 358 |
| | kW | 182 | 198 | 220 | 246 | 286 |
| Prime Power | kVA | 206 | 225 | 250 | 280 | 325 |
| | kW | 165 | 180 | 200 | 224 | 260 |

DIESEL ENGINE

| BRAND | LISTER PETER | | | | | |
|-------------------------------|---------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| Model | LP689G1 | LP689G2 | LP689G3 | LP612G1 | LP612G2 | |
| Engine Power - Stand By | kW | 204 | 228 | 253 | 280 | 308 |
| Engine Power - Prime | kW | 185 | 208 | 230 | 255 | 280 |
| 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) | | 8.9 | 8.9 | 8.9 | 11.8 | 11.8 |
| Bore x Stroke (mm) | | 114x114 | 114x114 | 114x114 | 128x153 | 128x153 |
| Compression Rate | | 18.0:1 | 18.0:1 | 16.5:1 | 17.0:1 | 17.0:1 |
| Governor Type | | Electronic | Electronic | Electronic | Electronic | Electronic |
| Induction | | Turbo-AirtoAirIntercooler | Turbo-AirtoAirIntercooler | Turbo-AirtoAirIntercooler | Turbo-AirtoAirIntercooler | Turbo-AirtoAirIntercooler |
| 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) | | 19 | 19 | 25 | 41 | 41 |
| Coolant Capacity (lt) | | 48 | 48 | 48 | 56 | 56 |
| Fuel Tank Capacity (lt) | | 415 | 415 | 415 | 415 | 598 |
| Fuel Consumption lt / h | 100% of Prime Power | 44.1 | 49.6 | 55.1 | 58.8 | 66.9 |
| | 75% of Prime Power | 32.8 | 36.8 | 40.7 | 47.5 | 49 |
| | 50% of Prime Power | 22.8 | 25.7 | 27.7 | 30.3 | 33.8 |

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) | 1200x3420x2260 | 1200x3420x2260 | 1200x3420x2260 | 1200x3420x2260 | 1600x3700x2200 |
| Canopy Weight | kg | 2450 | 2550 | 2700 | 3150 | 3250 |
| Open Dimensions | mm (WxDxH) | 1200x2800x1780 | 1200x2800x1780 | 1200x2800x1780 | 1200x2800x1780 | 1600x3200x2000 |
| Open Weight | kg | 2050 | 2150 | 2300 | 2750 | 2750 |

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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FORLIFE