



MJP SERIES 550-825 kVA

TECHNICAL SPECIFICATIONS

GENERATOR GROUP

| MODEL | | MJP0550 | MJP0660 | MJP0700 | MJP0785 | MJP0825 |
|----------------|-----|---------|---------|---------|---------|---------|
| Stand By Power | kVA | 550 | 660 | 700 | 785 | 825 |
| | kW | 440 | 528 | 560 | 625 | 660 |
| Prime Power | kVA | 500 | 600 | 636 | 713.6 | 750 |
| | kW | 400 | 480 | 508.8 | 570.9 | 600 |

DIESEL ENGINE

| BRAND | PERKINS | | | | | |
|-------------------------------|---------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| Model | 2506A-E15TAG2 | 2806A-E18TAG1A | 2806A-E18TAG2 | 2806A-E18TAG4 | 2806A-E18TAG5 | |
| Engine Power - Stand By | kW | 495 | 593 | 628 | 685 | 695 |
| Engine Power - Prime | kW | 450 | 539 | 571 | 623 | 632 |
| 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) | | 15.2 | 18.1 | 18.1 | 18.1 | 18.1 |
| Bore x Stroke (mm) | | 137x171 | 145x183 | 145x183 | 145x183 | 145x183 |
| Compression Rate | | 16.0:1 | 14.5:1 | 14.5:1 | 14.5:1 | 14:1 |
| Governor Type | | Electronic | Electronic | Electronic | Electronic | Electronic |
| Induction | | TurboCharged-Intercooler | TurboCharged-Intercooler | TurboCharged-Intercooler | TurboCharged-Intercooler | TurboCharged-Intercooler |
| 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) | | 62 | 62 | 62 | 68 | 68 |
| Coolant Capacity (lt) | | 58 | 61 | 61 | 109.5 | 109.5 |
| Fuel Tank Capacity (lt) | | 970 | 970 | 970 | 970 | 1100 |
| Fuel Consumption lt / h | 100% of Prime Power | 100 | 111 | 143 | 143 | 162 |
| | 75% of Prime Power | 76 | 81 | 105 | 105 | 118 |
| | 50% of Prime Power | 53 | 55 | 72 | 72 | 81 |

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 | 1800x4800x2200 | 1800x4800x2200 | 1800x4800x2200 | 1800x4800x2200 |
| Canopy Weight | kg | 4200 | 5200 | 5400 | 6000 | 6800 |
| Open Dimensions | mm (WxDxH) | 1400x4200x2050 | 1800x4500x2050 | 1800x4800x2050 | 1800x4290x2475 | 1800x4800x2050 |
| Open Weight | kg | 3500 | 4500 | 4700 | 5300 | 5800 |

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.