

# MPD Series

Low noise generators engineered to give best performance and easy maneuverability in construction sites. Equipped with reliable Diesel engine, first class components and complete instrumentation.



## Main applications:

- Construction
- Road works
- Industrial applications



**ROBUST PROTECTIVE FRAME WITH INTEGRATED BATTERY BOX**



**TRANSPORTATION KIT WITH FOLDING HANDLES**



**REMOTE START/STOP (RSS) WIRELESS WITH CONNECTOR (MAX OPEN DISTANCE 90 METERS)**



**AUTOMATIC MAINS FAILURE (AMF) PANEL**

| GENERATING SET                          | MPD 6000                                                                   | MPD 9000                                                                   | MPD 6000                                                                   | MPD 9000                                                                   |
|-----------------------------------------|----------------------------------------------------------------------------|----------------------------------------------------------------------------|----------------------------------------------------------------------------|----------------------------------------------------------------------------|
| <b>MAIN DATA</b>                        | <b>SINGLE PHASE</b>                                                        | <b>SINGLE PHASE</b>                                                        | <b>THREE PHASE</b>                                                         | <b>THREE PHASE</b>                                                         |
| <b>POWER RATING - THREE PHASE</b>       | <b>kVA / kW<sub>e</sub></b>                                                | <b>kVA / kW<sub>e</sub></b>                                                | <b>kVA / kW<sub>e</sub></b>                                                | <b>kVA / kW<sub>e</sub></b>                                                |
| STAND BY POWER - LTP                    | -                                                                          | -                                                                          | 6,9 / 5,5                                                                  | 10,6 / 8,5                                                                 |
| CONTINUOUS POWER - COP                  | -                                                                          | -                                                                          | 5,6 / 4,5                                                                  | 9,1 / 7,3                                                                  |
| <b>POWER RATING - SINGLE PHASE</b>      | <b>kVA / kW<sub>e</sub></b>                                                | <b>kVA / kW<sub>e</sub></b>                                                | <b>kVA / kW<sub>e</sub></b>                                                | <b>kVA / kW<sub>e</sub></b>                                                |
| STAND BY POWER - LTP                    | 5,9 / 5,3                                                                  | 8,8 / 7,9                                                                  | 3,2 / 2,9                                                                  | 5,4 / 4,9                                                                  |
| CONTINUOUS POWER - COP                  | 4,8 / 4,3                                                                  | 7,6 / 6,8                                                                  | 3,0 / 2,7                                                                  | 5,0 / 4,5                                                                  |
| VOLTAGE (Volt)                          | 230                                                                        | 230                                                                        | 400 / 230                                                                  | 400 / 230                                                                  |
| FREQUENCY (Hz)                          | 50                                                                         | 50                                                                         | 50                                                                         | 50                                                                         |
| POWER FACTOR (Cos Φ)                    | 0,9                                                                        | 0,9                                                                        | 0,8 / 0,9                                                                  | 0,8 / 0,9                                                                  |
| <b>ENGINE</b>                           |                                                                            |                                                                            |                                                                            |                                                                            |
| BRAND                                   | Yanmar                                                                     | Lombardini                                                                 | Yanmar                                                                     | Lombardini                                                                 |
| MODEL                                   | L100N                                                                      | 25LD330                                                                    | L100N                                                                      | 25LD330                                                                    |
| FUEL                                    | Diesel                                                                     | Diesel                                                                     | Diesel                                                                     | Diesel                                                                     |
| CYLINDERS / DISPLACEMENT (cc)           | 1 vertical / 435                                                           | 2 in line / 654                                                            | 1 vertical / 435                                                           | 2 in line / 654                                                            |
| COOLING SYSTEM                          | Air                                                                        | Air                                                                        | Air                                                                        | Air                                                                        |
| STARTING SYSTEM                         | Electric                                                                   | Electric                                                                   | Electric                                                                   | Electric                                                                   |
| SPEED (rpm)                             | 3000                                                                       | 3000                                                                       | 3000                                                                       | 3000                                                                       |
| <b>CONSUMPTION</b>                      |                                                                            |                                                                            |                                                                            |                                                                            |
| FUEL CONSUMPTION at 75% of load (L/h)   | 1,45                                                                       | 2,17                                                                       | 1,45                                                                       | 2,18                                                                       |
| FUEL TANK CAPACITY (L)                  | 24                                                                         | 24                                                                         | 24                                                                         | 24                                                                         |
| RUNNING TIME at 75% of load (h)         | 16,55                                                                      | 11,06                                                                      | 16,55                                                                      | 11,01                                                                      |
| <b>NOISE LEVEL</b>                      |                                                                            |                                                                            |                                                                            |                                                                            |
| NOISE PRESSURE @ 7 m (dB(A))            | 65                                                                         | 69                                                                         | 65                                                                         | 69                                                                         |
| NOISE POWER (LWA dB(A))                 | 93                                                                         | 97                                                                         | 93                                                                         | 97                                                                         |
| <b>OVERALL DIMENSIONS</b>               |                                                                            |                                                                            |                                                                            |                                                                            |
| LENGTH (mm)                             | 990                                                                        | 990                                                                        | 990                                                                        | 990                                                                        |
| WIDTH (mm)                              | 602                                                                        | 602                                                                        | 602                                                                        | 602                                                                        |
| HEIGHT (mm)                             | 826                                                                        | 826                                                                        | 826                                                                        | 826                                                                        |
| DRY WEIGHT (Kg)                         | 186                                                                        | 204                                                                        | 186                                                                        | 207                                                                        |
| <b>STANDARD EQUIPMENT</b>               |                                                                            |                                                                            |                                                                            |                                                                            |
| DIGITAL DISPLAY                         | V - Hz - h                                                                 | V - Hz - h                                                                 | V - Hz - h                                                                 | V - Hz - h                                                                 |
| TANK (Type)                             | Plastic                                                                    | Plastic                                                                    | Plastic                                                                    | Plastic                                                                    |
| SOCKETS                                 | 1 x 230V SCHUKO 16A IP54<br>1 x 230V CEE 16A IP44<br>1 x 230V CEE 32A IP44 | 1 x 230V SCHUKO 16A IP54<br>1 x 230V CEE 16A IP44<br>1 x 230V CEE 32A IP44 | 1 x 230V SCHUKO 16A IP54<br>2 x 230V CEE 16A IP44<br>1 x 400V CEE 16A IP44 | 1 x 230V SCHUKO 16A IP54<br>2 x 230V CEE 16A IP44<br>1 x 400V CEE 16A IP44 |
| AVR - AUTOMATIC VOLTAGE REGULATOR       | s                                                                          | Standard                                                                   | s                                                                          | Standard                                                                   |
| CONNECTOR FOR AMF / RSS                 | Standard                                                                   | Standard                                                                   | Standard                                                                   | Standard                                                                   |
| <b>PROTECTIONS</b>                      |                                                                            |                                                                            |                                                                            |                                                                            |
| OIL GUARD                               | Standard                                                                   | Standard                                                                   | Standard                                                                   | Standard                                                                   |
| MAGNETO THERMAL PROTECTION              | Standard                                                                   | Standard                                                                   | Standard                                                                   | Standard                                                                   |
| THERMAL PROTECTION                      | Standard                                                                   | Standard                                                                   | Standard                                                                   | Standard                                                                   |
| DIFFERENTIAL PROTECTION (DPP)           | Standard                                                                   | Standard                                                                   | Standard                                                                   | Standard                                                                   |
| ALTERNATOR PROTECTION (IP)              | 23                                                                         | 23                                                                         | 23                                                                         | 23                                                                         |
| <b>OPTIONALS</b>                        |                                                                            |                                                                            |                                                                            |                                                                            |
| AMF - AUTOMATIC CONTROL PANEL           | o                                                                          | o                                                                          | o                                                                          | o                                                                          |
| RSS - REMOTE START / STOP (CONNJ)       | o                                                                          | o                                                                          | o                                                                          | o                                                                          |
| MTS- MANUAL TRANSFER SWITCH             | o                                                                          | o                                                                          | -                                                                          | -                                                                          |
| TRANSPORTATION KIT WITH FOLDING HANDLES | o                                                                          | o                                                                          | o                                                                          | o                                                                          |

o = Accessory available s = Supplement - = Not available



[www.masonsgenerators.com](http://www.masonsgenerators.com)

**MASONS DISTRIBUTOR IN YOUR AREA IS:**

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