

# MAS POWER

## Marine Diesel Gensets

### 6-11 kW



#### Standard Features

- Stainless Steel Drip Pan
- Stainless Mounting Supports with Rubber Isolators
- Stainless Steel Belt Guard
- Freshwater Cooling / Heat Exchanger
- Water Cooled Stainless Steel Exhaust Elbow
- Fuel Lines Plumbed to Stainless Connection Block
- Oil Change Hose Plumbed through Pan
- 12V Electric Fuel Pump with push button primer switch
- Convenient Single Side Serviceability
- Safety Shutdowns
  - Low Oil Pressure
  - High Coolant Temperature
  - High Exhaust Temperature
  - High Engine Head Temperature
- Frequency / Voltage Regulation
- Overcranking

#### Standard Controls

- Circuit Breaker
- Digital Genset Controller

#### Optional Equipment

- Plug-In Extension Wiring Harnesses (10', 20', 30', 50')
- Remote Instrument Panel
  - Remote Start / Stop Panel
  - Four Gauge Panel
    - Oil Pressure
    - Coolant Temperature
    - A/C Volts
    - A/C Amps
- Auto Start
- Siphon Break
- 50Hz Units Available

| Specifications                  |                |              |              |
|---------------------------------|----------------|--------------|--------------|
| MODEL                           | MP6M           | MP9M         | MP11M        |
| kW @ 60Hz                       | 6              | 9            | 11           |
| kW @ 50Hz                       | 5              | 7            | 8.5          |
| Engine (Yanmar)                 | 3TNV70         | 3TNV76       | 3TNV82       |
| Aspiration                      | Natural        |              |              |
| CID (CC)                        | 47.8 (854)     | 61.39 (1116) | 81.22 (1330) |
| Dimensions                      |                |              |              |
| L inches (mm)                   | 28.5 (723.9)   | 29 (737)     | 32 (813)     |
| W inches (mm)                   | 18 (457)       |              | 18.5 (469.9) |
| H inches (mm)                   | 22 (558.8)     | 22 (559)     | 24.5 (622)   |
| Weight(wet) lbs (kg)            | 410 (186)      | 458 (208)    | 572 (260)    |
| Dimensions with Sound Enclosure |                |              |              |
| L inches (mm)                   | 30 (762)       | 32 (813)     | 36.5 (927)   |
| W inches (mm)                   | 22 (558.8)     |              | 22.5 (571.5) |
| H inches (mm)                   | 23.75 (603.25) |              | 26 (660)     |
| Weight(wet) lbs (kg)            | 485 (220)      | 560 (255)    | 670 (305)    |
| Speed                           |                |              |              |
| RPM (60Hz)                      | 1800           |              |              |
| RPM (50Hz)                      | 1500           |              |              |
| No. of Cylinders                | 3              |              |              |
| Horsepower                      |                |              |              |
| 1800 RPM                        | 10.7           | 14.3         | 17.7         |
| 1500 RPM                        | 9              | 11           | 14.3         |
| Battery Voltage                 | 12V            |              |              |
| Fuel Consumption (GPH)          |                |              |              |
| 100% Load                       | .67            | .86          | .99          |
| 75% Load                        | .5             | .65          | .74          |
| Amperage (1 Phase)              |                |              |              |
| 120/240V                        | 50/25          | 75/37.5      | 92/46        |
| Voltage Regulation              | Electronic     |              |              |
| Voltage Regulation              | +3%            |              |              |
| Frequency Regulation            | +4%            |              |              |



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# MAS POWER

## Marine Diesel Gensets

### 13-22.5 kW



#### Standard Features

- Stainless Steel Drip Pan
- Stainless Mounting Supports with Rubber Isolators
- Stainless Steel Belt Guard
- Freshwater Cooling / Heat Exchanger
- Water Cooled Stainless Steel Exhaust Elbow
- Fuel Lines Plumbed to Stainless Connection Block
- Oil Change Hose Plumbed through Pan
- 12V Electric Fuel Pump with push button primer switch
- Convenient Single Side Serviceability
- Safety Shutdowns
  - Low Oil Pressure
  - High Coolant Temperature
  - High Exhaust Temperature
  - High Engine Head Temperature
- Frequency / Voltage Regulation
- Overcranking

#### Standard Controls

- Circuit Breaker
- Digital Genset Controller

#### Optional Equipment

- Plug-In Extension Wiring Harnesses (10', 20', 30', 50')
- Remote Instrument Panel
  - Remote Start / Stop Panel
  - Four Gauge Panel
    - Oil Pressure
    - Coolant Temperature
    - A/C Volts
    - A/C Amps
- Auto Start
- Siphon Break
- 50Hz Units Available

| Specifications                  |                |              |                |
|---------------------------------|----------------|--------------|----------------|
| MODEL                           | MP13M          | MP16M        | MP22.5M        |
| kW @ 60Hz                       | 13             | 16           | 22.5           |
| kW @ 50Hz                       | 11             | 13           | 19             |
| Engine (Yanmar)                 | 3TNV88         | 3TNV84T      | 4TNV84T        |
| Aspiration                      | Natural        | Turbo        | Turbo          |
| CID (CC)                        | 100.21 (164.2) | 91.3 (149.6) | 121.74 (199.5) |
| Dimensions                      |                |              |                |
| L inches (mm)                   | 39 (990.6)     |              | 40.75 (1035)   |
| W inches (mm)                   | 20.25 (514.4)  |              |                |
| H inches (mm)                   | 25.5 (647.7)   |              | 25.75 (654.05) |
| Weight (wet) lbs (kg)           | 700 (317.5)    | 710 (322)    | 810 (371.9)    |
| Dimensions with Sound Enclosure |                |              |                |
| L inches (mm)                   | 40 (1016)      |              | 45 (1143)      |
| W inches (mm)                   | 25 (635)       |              |                |
| H inches (mm)                   | 27.75 (704.9)  |              |                |
| Weight (wet) lbs (kg)           | 805 (365)      | 815 (369.6)  | 940 (426.3)    |
| Speed                           |                |              |                |
| RPM (60Hz)                      | 1800           |              |                |
| RPM (50Hz)                      | 1500           |              |                |
| No. of Cylinders                | 3              |              | 4              |
| Horsepower                      |                |              |                |
| 1800 RPM                        | 21.7           | 25.2         | 35.9           |
| 1500 RPM                        | 17.7           | 20.9         | 28.1           |
| Battery Voltage                 | 12V            |              |                |
| Fuel Consumption (GPH)          |                |              |                |
| 100% Load                       | 1.22           | 1.41         | 1.96           |
| 75% Load                        | .92            | 1.06         | 1.47           |
| Amperage (1 Phase)              |                |              |                |
| 120/240V                        | 108.3/54.17    | 133.4/66.67  | 187.5/93.75    |
| Voltage Regulation              | Electronic     |              |                |
| Voltage Regulation              | +3%            |              |                |
| Frequency Regulation            | +4%            |              |                |



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