



## MASE MPL 176 S-I SILENCED

Reference: MPL 180 S-I

### MASE MPL 176 S-I SILENCED

MASE MPL 176 S-I is a silenced generating set with 176 KVA three-phase and 58.6 KVA single-phase output and FPT NEF 67 TM4 stationary diesel engine.

Standard equipment of the MASE MPL 176 S-I generating set:

- Logic with digital display for the reading of the following parameters: generator three-phase voltage, mains three-phase voltage, battery voltage, amperage, frequency, hour meter, oil pressure, engine temperature, fuel level, failure to start;

complete with automatic engine stop device with alarm signal on the display in case of

- failed start
- emergency stop
- low oil pressure
- low fuel level
- high water temperature
- oil pressure probe failure
- Over/under alternator voltage
- over/under alternator frequency
- Thermomagnetic circuit breaker
- Emergency stop button
- Starter batteries
- Diesel fuel level float
- Silenced muffler
- Automatic voltage regulator (AVR) - Terminal block for three-phase power withdrawal
- Terminal board for ATS panel connection

- Terminal board for remote control
- Forks passage
- Collection tank
- First filling liquids

Technical features of the MASE MPL 176 S-I generating set

- Lwa 95 (70 dB at 7 mt)
- Type: synchronous
- Three-phase power (emergency): 176kVA- 400V
- Three-phase power (continuous): 150kVA- 400V
- Single-phase power (emergency): 58,6kVA- 230V
- Power factor:  $\cos\phi$  0.8
- Type: FPT NEF 67 TM4 - 6 cil. - 6700 cm<sup>3</sup>
- Maximum power: 224 hp (165 kWm)
- Starting: electric (12Vcc- Cooling: water
- Fuel consumption at 75% load: 29,4 lt/h
- Insulation class: H
- Ambient temperature: 40 °C
- Reference altitude: 1000m
- Degree of protection: IP 23
- Fuel tank capacity: 230 lt
- Dimensions (L xWxH): 3400 x 1100 x 1820mm
- Empty weight: 1945 kg

## Technical Sheet

| Phase                             | Single phase / Three phase |
|-----------------------------------|----------------------------|
| Maximum power single phase (KW)   | 46.88                      |
| Maximum power single phase (KVA)  | 58.6                       |
| Maximum power three phase (KW)    | 140.8                      |
| Continuous power three phase (KW) | 128                        |
| Maximum power three phase (KVA)   | 176                        |

|                                    |  |
|------------------------------------|--|
| Continuous power three phase (KVA) | 150  |
| Fuel                               | Diesel   |
| Frequency (Hz)                     | 50   |
| Voltage (V)                        | 230 / 400  |
| Engine                             | FPT (IVECO) NEF67TM4 turbo                         |
| Emissions Regulations              | Stationary Use                                     |
| Engine rpm (rpm)                   | 1500   |
| Starting system                    | Electric   |
| Engine capacity (cm <sup>3</sup> ) | 6  |
| Number cylinders                   | 6  |
| Cooling                            | Water  |
| Alternator                         | Synchronous  |
| Fuel tank capacity (L)             | 230  |
| Consumption (L/h)                  | 29.4 at 75% of the load                            |
| Running time (h)                   | 7.83 at 75% of the load / 5.91 at 100% of the load |
| Acoustic power                     | 97 dB(A)   |
| Acoustic pressure                  | 70 dB(A) at 7 m                                    |
| Length (mm)                        | 3400   |
| Width (mm)                         | 1100   |
| Height (mm)                        | 1820   |
| Dry weight (Kg)                    | 1945   |
| Silenced                           | Yes  |
| Super silenced                     | Yes  |
| ATS Switch device                  | Optional ATS                                       |
| Voltage regulator                  | AVR  |