



## 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