

# MPL 143 S-I



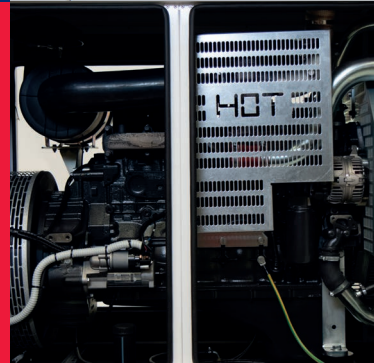
Controller



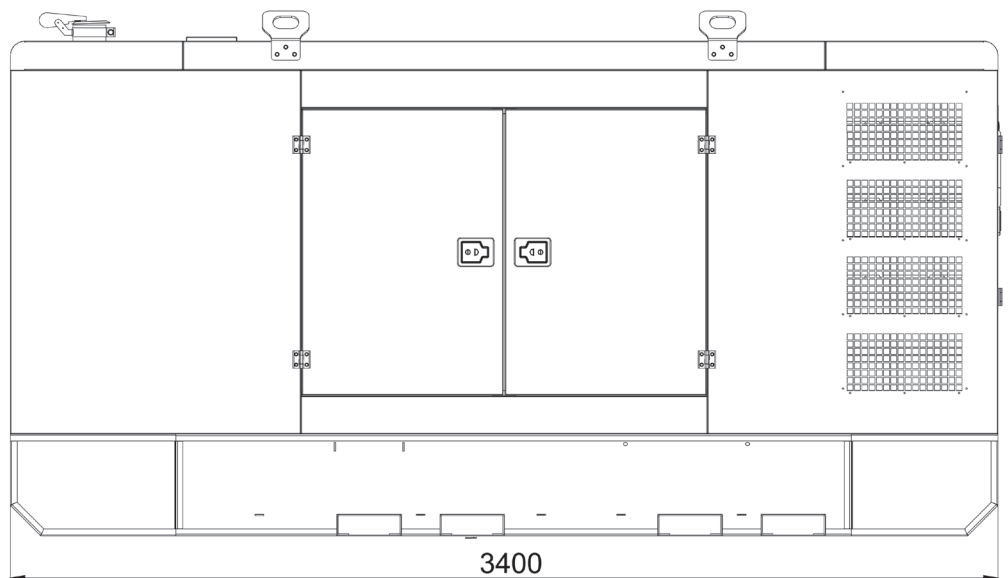
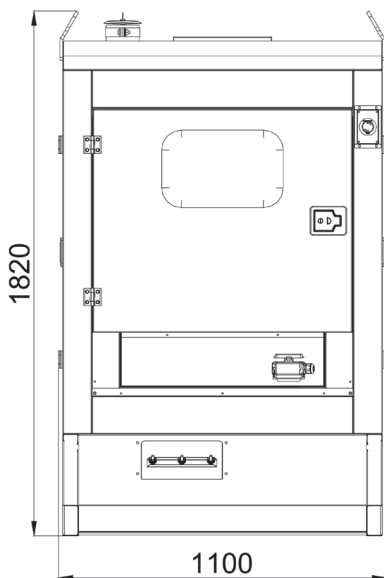
Lifting Eyes



FPT Engine



Unit of measure: mm



We reserve the right to change data, images and drawings without notice.  
For more information, you may contact your local dealer or Mase Generators S.p.A.

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**mase**  
**GENERATORS**  
Believing in change.



Output power 143 kVA three-phase  
Output power 47,6 kVA single-phase

## Description

- Silenced power generator
- Output power 143 kVA three-phase and 47,6 kVA single-phase
- Diesel engine 1500 rpm
- Fuel tank 230 lt

## Standard Features

- Controller with digital display for full monitoring of generator parameters: 3-phase generator voltage, 3-phase mains voltage, battery voltage, ammeter, frequency, hour meter, oil pressure, engine temperature, fuel level, fail to start;
- with auto engine protection shutdown system in case of:
  - fail to start
  - emergency stop
  - low oil pressure
  - low fuel level
  - high coolant temperature
  - oil pressure sender open circuit
- over/under voltage
- over/under frequency
- Main circuit breaker
- Emergency stop button
- Starter batteries
- Initial filling of fluids
- Fuel level indicator float
- Silenced muffler
- Automatic voltage regulator
- Three-phase output terminal board
- ATS terminal board
- Remote control terminal board
- Fork-lift pockets

## Options

- Open version
- Relay and-or differential module
- Bunded tank
- Over sized fuel tank
- Automatic refill system
- Catalytic muffler
- ATS panel
- Manual control panel
- Remote alarm control board
- Commissioning
- 12V battery charger
- Engine heater

## Noise level

- Lwa 95 (70 dB a 7 mt)

## AC generator - 50Hz

- Type: synchronous
- Three-phase power (stand-by): 143kVA - 400V
- Three-phase power (prime): 130kVA - 400V
- Single-phase power (stand-by): 47,6kVA - 230V
- Power Factor:  $\cos \phi$  0,8

## Diesel Engine 1500 rpm

- Type: FPT NEF 67 TM4 - turbocharged - 6 cyl. - 6700 cm<sup>3</sup>
- Max power: 224 hp (165 kWm)
- Starting system: electric (12Vdc)
- Cooling system: water
- Fuel consumption @ 80%: 29,4 lt/h

## Other features

- Insulation Class: H
- Ambient temperature: 40 °C (\*)
- Altitude: 1000 m (\*)
- Mechanical Protection: IP 23
- Fuel tank capacity: 230 lt
- Dimensions (L x W x H): 3400 x 1100 x 1820 mm
- Dry weight: 1850 kg

(\*) - For altitude and temperature values other than those listed above, please consult the manufacturer to verify the available power.