

# MASE MPF 44 BA BAUDOUIN



Product price:

**12.652,50 € tax excluded**

## Product description:

MASE MPF 44 BA BAUDOUIN GENERATOR 44KVA SINGLE-PHASE / THREE-PHASE AVR

MASE MPF 44 BA is a single/three-phase generator, equipped with a Baudouin 4M06G44/5 diesel engine, capable of delivering a power of 44 KVA.

This generator is equipped with **electric start** with 12 V battery, and a low fuel consumption operation, in fact it consumes only 8.1 liters / hour at 75% of the load, combined with a large 40 l tank of maximum capacity, it will give you an autonomy of about 5 hours.

The MASE MPF 44 BA is equipped with a soundproofed cabin, folded and electro-welded, with protection class IP23. This cabin allows an incredible reduction of noise pollution, up to obtaining an acoustic pressure of only 72 dB (A) recorded at a distance of 7 meters.

The AVR is essential to make the generator MASE MPF 44 BA work at its best, it all needs an electronic control system, an AVR in fact, which guarantees the proper functioning of the machine and the electrical network underlying it.

The purpose of the AVR, in a power source, is to keep the output stable. And if its operation is very simple when resistive loads are supplied, the situation is more complex in the case of mainly inductive loads: the delayed phase-shifted current contrasts the inductor magnetic field, causing a voltage drop at the alternator output terminals. ; to compensate for the phenomenon, the AVR intervenes automatically by increasing the excitation current, until the output returns to the nominal value.

The control panel of the MASE MPF 44 BA is made up of:

- low oil pressure and high water temperature warning lights
- Voltmeter
- Hour counter
- Differential magnetothermic switch
- Emergency stop button
- 1 CEE 63A, 400V - 50 Hz
- 1 CEE 16A, 400V - 50 Hz

- 2 CEE 16A, 230V - 50 Hz
- Terminal block for AMF operation / ATS

## TECHNICAL CHARACTERISTICS OF MASE MPF 44 BA

Type of phase: Single-phase / Three-phase  
Continuous single-phase power: 13.4 KVA / 10.7 KW  
Maximum single-phase power: 14.7 KVA / 11.8 KW  
Continuous three-phase power: 40 KVA / 32 KW  
Three-phase maximum power: 44 KVA / 35.2 KW  
VAC voltage: 230 / 400V  
Frequency (Hz): 50  
Voltage regulator: AVR  
Starting panel: Electric  
Engine: Baudouin 4M06G44/5  
Emissions standard: Not emitted  
Revolutions per minute: 1500 rpm  
Power supply: Diesel  
Sockets panel: 2xCEE 16A 230V / 1xCEE 16A 400V / 1xCEE 63A 400V  
Tank capacity: 40 l  
Running time: 5.88 h at 75% load  
Consumption: 6.8 l / h at 75% load  
Acoustic pressure: 72 dB (A) @ 7 m  
Length: 1640 mm  
Width: 770 mm  
Height: 1076 mm  
Net weight: 900 Kg

Are you looking for a generator with different technical characteristics? [HERE](#) you can find the area dedicated to MASE generators or other specialized brands.

Non-binding images and technical data.

### Product features:

Phase: Single phase / Three phase  
Maximum power single phase (KW): 11.8  
Continuous power single phase (KW): 10.7  
Maximum power single phase (KVA): 14.7  
Continuous power single phase (KVA): 13.4  
Maximum power three phase (KW): 35.2  
Continuous power three phase (KW): 32  
Maximum power three phase (KVA): 44

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Continuous power three phase (KVA): 40  
Fuel: Diesel  
Frequency (Hz): 50  
Voltage (V): 230 / 400  
Sockets configuration: 2 x 230V 16A CE  
Engine: Baudouin 4M06G44/5  
Emissions Regulations: Not Emitted  
Engine rpm (rpm): 1500  
Speed governor: Mechanical  
Starting system: Electric  
Engine capacity (cm<sup>3</sup>): 2300  
Number cylinders: 4  
Oil capacity (L): 10  
Cooling: Oil  
Inyección : Direct  
Alternator: Synchronous self-excited, brushless  
Poles: 4  
Lubrication: Forced  
Fuel tank capacity (L): 40  
Consumption (L/h): 6.8 at 75% of the load  
Running time (h): 5.88 at 75% of the load  
Acoustic power: 97 dB(A)  
Acoustic pressure: 74 dB(A) at 7 m  
Length (mm): 1640  
Width (mm): 770  
Height (mm): 1076  
Dry weight (Kg): 900  
Silenced: Yes  
Super silenced: Yes  
ATS Switch device : Optional  
Voltage regulator: AVR  
Engine manufacturer: Baudouin