



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

Reference: 008768MA

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

MASE MPF 44 BA is a single/three-phase generator, equipped with a Yanmar 4TNV98T 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.

### ATS AUTOMATIC START-UP PANEL PREPARATION

Thanks to this panel and to your MASE MPF 44 BA with automatic start panel you will no longer have to worry about blackouts since, in the event of a power failure, the group will automatically switch on and allow you to continue your business normally.

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 / Three-phase  
Continuous singlephase power: 13.4 KVA / 10.7 KW  
Maximum singlephase power: 14.7 KVA / 11.8 KW  
Continuous threephase power: 40 KVA / 32 KW  
Threephase maximum power: 44 KVA / 35.2 KW  
VAC voltage: 230 / 400V  
Frequency (Hz): 50  
Voltage regulator: AVR  
Starting panel: Electric  
Engine: Yanmar 4TNV98T  
Emissions standard: Not emitted  
Revolutions per minute: 1500 rpm  
Fuel: Diesel  
Sockets panel: 2xCEE 16A 230V / 1xCEE 16A 400V / 1xCEE 63A 400V  
Tank capacity: 40 l  
Running time: 4.93 h at 75% load  
Consumption: 8.1 l / h at 75% load  
Acoustic pressure: 72 dB (A) @ 7 m  
Length: 1640 mm  
Width: 770 mm  
Height: 1076 mm  
Net weight: 725 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.

## Technical Sheet

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
Continuous power three phase (KVA)	40
Fuel	Diesel
Frequency (Hz)	50
Voltage (V)	230 / 400
Sockets configuration	2 x 230V 16A CE
Engine	Yanmar 4TNV98T, 4 stroke

Emissions Regulations	Not Emitted
Engine rpm (rpm)	1500
Speed governor	Mechanical
Starting system	Electric
Engine capacity (cm <sup>3</sup> )	3319
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)	8.11 at 75% of the load
Running time (h)	4.93 at 75% 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)	725
Silenced	Yes
Super silenced	Yes
ATS Switch device	Optional ATS
Voltage regulator	AVR
Engine manufacturer	Yanmar