



## MASE MPF 22 BA GENERATOR 22KVA SINGLE-PHASE / THREE-PHASE SUPER SILENT STAGEV

Reference: 008345MA

### MASE MPF 22 BA GENERATOR 22KVA SINGLE-PHASE / THREE-PHASE SUPER SILENT STAGEV

The MASE MPF 22 BA single/three-phase generator is equipped with a Yanmar 3TNV88 StageV diesel engine, capable of delivering a power of 22KVA.

This generator set is equipped with **electric start** with 12 V battery, and a low fuel consumption operation, in fact it consumes only 3.5 liters / hour at 75% of the load, combined with a large tank of 40 liters of maximum capacity, will give you an autonomy of about 11.4 hours.

The MASE MPF 22 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 71 dB (A) recorded at a distance of 7 meters.

The MASE MPF 22 BA guarantees efficient and silent operation thanks to the Yanmar 3TNV88 engine, which allows to deliver a maximum power of 22KVA.

#### ATS AUTOMATIC START-UP PANEL PREPARATION

Thanks to this panel and to your MASE MPF 22 BA with automatic starting panel you will no longer have to worry about blackouts since, in the event of a power failure, the group will turn on automatically and allow you to continue your business normally.

The control panel of the MASE MPF 22 BA group is made up of:

- low oil pressure and high water temperature warning lights
- Voltmeter
- Hour counter
- Differential magnetothermic switch
- Emergency stop button
- 1 CEE 32A, 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 22 BA

Type of phase: Single-phase / Three-phase  
Continuous singlephase power: 6.6 KVA / 5.3 KW  
Maximum singlephase power: 7.3 KVA / 5.8 KW

Continuous threephase power: 20 KVA / 16 KW  
 Threephase maximum power: 22 KVA / 17.6 KW  
 VAC voltage: 230 / 400V  
 Frequency (Hz): 50  
 Voltage regulator: Compound (AVR Optional)  
 Panel starting: Electric  
 Engine: Yanmar 3TNV88  
 Emissions regulations: Stage V  
 Revolutions per minute: 1500 rpm  
 Fuel: Diesel  
 Sockets panel: 2 x CEE 16A 230V / 1 x CEE 16A 400V / 1 x CEE 32A 400V  
 Tank capacity: 40 l  
 Autonomy: 11.4 h at 75% of the load  
 Consumption: 3.5 l / h at 75% of the load  
 Acoustic pressure: 71 dB (A) @ 7 m  
 Length: 1430 mm  
 Width: 690 mm  
 Height: 930 mm  
 Net weight: 480 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)	5.8
Continuous power single phase (KW)	5.3
Maximum power single phase (KVA)	7.3
Continuous power single phase (KVA)	6.6
Maximum power three phase (KW)	17.6
Continuous power three phase (KW)	16
Maximum power three phase (KVA)	22
Continuous power three phase (KVA)	20
Fuel	Diesel
Frequency (Hz)	50
Voltage (V)	230 / 400
Sockets configuration	1 x 400V 32A 3P+N+T - 1 x 400V 16A 3P+T - 2 x 230V 16A 2P+T
Engine	Yanmar 4TNV88, 4 stroke
Emissions Regulations	Stage 5
Engine rpm (rpm)	1500
Speed governor	Mechanical

Starting system	Electric
Engine capacity (cm <sup>3</sup> )	2190
Number cylinders	4
Oil capacity (L)	7.4
Cooling	Water
Inyección	Direct
Alternator	Synchronous self-excited, with brushes
Poles	4
Lubrication	Forced
Fuel tank capacity (L)	40
Consumption (L/h)	3.5 at 75% load
Running time (h)	11.4 at 75% load
Acoustic power	96 dB(A)
Acoustic pressure	71 dB(A) at 7 m
Length (mm)	1430
Width (mm)	690
Height (mm)	930
Dry weight (Kg)	480
Silenced	Yes
Super silenced	Yes
ATS Switch device	Optional ATS
Voltage regulator	Compound / AVR (optional)
Engine manufacturer	Yanmar