



# MOSA GE 10000 HZDM



Product price:

**4.475,96 € tax excluded**

## Product description:

MOSA GE 10000HZDM Generator Set 8,1 KW AVR

Generating set MOSA GE 10000HZDM belonging to the portable range of MOSA, it is a 8,1 KW single phase generator with AVR technology voltage regulator.

The MOSA GE 10000HZDM generating set is perfect for both hobby and professional use, thanks to the reliable diesel powered Hatz engine and all the high quality components it is composed of. The MOSA GE 10000HZDM genset has an electric start and a Hatz 1D90 engine. This MOSA GE 10000HZDM genset is easy to transport and maneuver as it is compact and handy with convenient carrying handles.

## Voltage Regulator AVR

The AVR technology voltage regulator of the MOSA GE 10000HZDM genset ensures a constant, clean and uninterrupted power supply. In this way, thanks to the AVR voltage regulator, you can connect your sensitive devices (PCs, smartphones, appliances, etc.) to your MOSA GE 10000HZDM genset safely and without burning them out.

## Why buy the MOSA GE 10000HZDM?

First of all, the MOSA GE 10000HZDM genset solves problems of power failure during blackouts in various environments, from homes to businesses. The MOSA GE 10000HZDM generator set is also used to provide electricity at construction sites and for hobby use. Professional generators are lightweight, easy to transport, compact and robust machines, simple to use and with low running costs. They also offer excellent value for money.

## Technical data:

Single-phase Stand-by (LTP) Output: 10 kVA (9 kW) / 230 V / 43.5 A

Single-phase PRP Output: 9 kVA (8.1 kW) / 230 V / 39.1 A



Frequency. 50 Hz

Cos  $\phi$ : 0.9

#### MOTOR TECHNICAL DATA

Model: HATZ - 1D90

Net stand-by output: 11.2 kWm (15.2 hp)

Net PRP output: 10.2 kWm (13.9 hp )

Cylinders / Displacement: 1 / 722 cm<sup>3</sup> (0. 722 lt.)

Bore / Stroke: 104 / 85 (mm)

Compression ratio: 10.5 : 1

RPM controller: Mechanical

110 % (Stand-by power): 3.6 lt. /h

100 % PRP: 3.3 lt./h

75 % PRP: 2.5 lt./h

50 % PRP: 1.6 lt./h

Oil capacity in sump: 1.9 lt.

Electrical system: 12 Vdc

Starter motor power: 2 kW

Battery charge alternating capacity: 16 A

With cold starting device: - 10°C

Combustion air flow: 1.08 m<sup>3</sup>/min.

#### TECHNICAL DATA ALTERNATOR

Continuous power: 10 kVA

Standby power: 11 kVA

Single-phase voltage: 220 - 240 /110 - 120 Vac

Frequency: 50 Hz

Cos  $\phi$ : 1

Voltage regulation accuracy:  $\pm 1$  %

Sustained short-circuit current: Transient Cdt (100% of load): Efficiency at 100% of load: 80 %  
(230V - Cos  $\phi$  1)

Isolation: Class H

Connection - Terminals: Star (with N) - No. 4

Harmonic distortion - THD: Protection Class: IP 23

Cooling Air Flow: 0.082 m<sup>3</sup>/sec

Coupling - Bearings: Direct J609b - N°1

A.V.R. Model: HVR 11E

#### GENERAL SPECIFICATIONS

Tank capacity: 10 lt.

Autonomy (75% of PRP): 4 h

Starting battery: 12 Vdc -37Ah / 330A CCA(EN)

Measured acoustic power LwA: 105 dB(A) (80 dB(A) @ 7m)

Performance class: G2

Length: 1005 mm



Width: 610 mm  
Height: 715 mm  
Weight: 215 Kg

If you're looking for an AVR, you should consider the following options

If, however, you are looking for another generator such as MOSA GE 10000HZDM, then we recommend that you consult our extensive catalog dedicated to the range of generators.

Images and technical data are not binding.

**Product features:**

Phase: Single phase

Maximum power single phase (KW): 9

Continuous power single phase (KW): 8.1

Maximum power single phase (KVA): 10

Continuous power single phase (KVA): 9

Fuel: Diesel

Frequency (Hz): 50

Voltage (V): 230

Sockets configuration: 1 x 230V 32A 2P+T CEE - 1 x 230V 16A 2P+T CEE - 1 x 230V 16A 2P+T Schuko

Engine: Hatz 1D90

Emissions Regulations: Stage 5

Engine rpm (rpm): 3000

Starting system: Electric

Engine capacity (cm<sup>3</sup>): 722

Number cylinders: 1

Cooling: Air

Inyección : Direct

Alternator: Synchronous self-excited, self-regulated

Fuel tank capacity (L): 10

Consumption (L/h): 2.5

Running time (h): 4

Acoustic power: 105 dB(A)

Acoustic pressure: 80 dB(A) at 1 m

Length (mm): 1005

Width (mm): 610

Height (mm): 715

Dry weight (Kg): 215

Silenced: No

Super silenced: No

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Product type: Generator  
ATS Switch device : No  
Voltage regulator: AVR  
Engine manufacturer: Hatz