



Generator set MOSA GE 10000 HZDM

Reference: CB8R9011L2

MOSA GE 10000HZDM Generator Set 8,1 KW AVR

MOSA GE 10000HZDM is a generating set 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 φ: 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 cm³ (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 m³/min.

TECHNICAL DATA ALTERNATOR

Continuous power: 10 kVA
Standby power: 11 kVA
Single-phase voltage: 220 - 240 /110 - 120 Vac
Frequency: 50 Hz
Cos ϕ : 1
Voltage regulation accuracy: $\pm 1\%$
Sustained short-circuit current: < 2.5 In
Transient Cdt (100% of load): < 15 %
Efficiency at 100% of load: 80 % (230V - Cos ϕ 1)
Isolation: Class H
Connection - Terminals: Star (with N) - No. 4
Harmonic distortion - THD: < 5.5 %
Protection Class: IP 23
Cooling Air Flow: 0.082 m³/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.

Technical Sheet

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	Elettrico
Engine capacity (cm ³)	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)	
Height (mm)	715
Dry weight (Kg)	215
Silenced	No
Super silenced	No
Product type	Generator
ATS Switch device	No ATS
Voltage regulator	AVR
Engine manufacturer	Hatz