



MOSA GE 12054 HZDT

Product price:

5,635.00 € tax excluded

Product description:

MOSA GE 12054 HZDT 9,6 KW AVR generating set

MOSA GE 12054 HZDT is a single and three-phase 9,6 KW diesel-powered generator set, with Hatz engine, with **AVR** technology voltage regulator.

The MOSA GE 12054 HZDT generator set is perfect for both hobby and professional use, thanks to the reliable Hatz diesel-powered engine and all the **good quality components** of which it is composed. The generator set MOSA GE 12054 HZDT has an electric start and is equipped with engine stop for low oil pressure and high temperature.

This generator set MOSA GE 12054 HZDT is easy to transport and maneuver because it is compact and handy with comfortable handles for transport.

The generator set MOSA GE 12054 HZDT delivers a stable and precise three-phase power of 9.6 KW suitable to power sophisticated electronic equipment that is sensitive to voltage and frequency variations.

So you can easily and quietly enjoy all the little conveniences of home wherever you are: lights, fans, a coffee machine, laptops, radios or TVs.

Voltage regulator AVR

The AVR technology voltage regulator of the MOSA GE 12054 HZDT generator set 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 12054 HZDT genset safely and without burning them.

Why buy the MOSA GE 12054 HZDT?

First of all, the MOSA GE 12054 HZDT genset solves power failure problems during blackouts in various environments, from homes to businesses. The MOSA GE 12054 HZDT generator set is also used to provide electricity at construction sites and for hobbyist use. Professional generators are lightweight, easy to transport, compact and robust machines, simple to use and with low running costs.

Technical data of MOSA GE 12054 HZDT:



Three-phase Stand-by Output (LTP): 12 kVA (9.6 kW) / 400 V / 17.3 A
Three-phase PRP Output: 11 kVA (8.8 kW) / 400 V / 15.8 A
Single-phase PRP Output: 6 kVA/kW / 230 V / 26 A
Frequency: 50 Hz
Cos ϕ : 0.8

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
Bore / Stroke: 104 / 85 (mm)
Compression ratio: 10. 5 : 1
RPM controller: Mechanical
110 % (Standby power): 3.6 lt./h
100 % PRP: 3.3 lt./h
75 % PRP: 2.5 lt./h
50 % PRP: 1. 6 lt./h
Cooling system: Air
Sump oil capacity: 1.9 lt
Full load oil consumption 0.028 kg./h
Maximum back pressure: 4. 3 kPa (0.043 bar 440 mmH²O)
Electrical system: 12 Vdc
Starter motor power: 2 kW
Battery charge alternating capacity: 16 A
Cold start: - 10°C
Combustion air flow: 1.08 m³/min

TECHNICAL DATA ALTERNATOR

Continuous power: 13 kVA
Standby power: 14.5 kVA
Single-phase voltage: 400-415 Vac
Frequency: 50 Hz
Cos ϕ : 0. 8
Voltage regulation accuracy: ± 1 %
Sustained short circuit current: 3 In
Transient Cdt (100% load): 25 %
Response time 0. 5 sec.
Isolation: Class F/H
Connection - Terminals: Series - N°4
Electromagnetic Compatibility: EN 61000-6-2, EN 61000-6-3
Harmonic Distortion - THD: 5 %
Protection Class: IP 54
Coupling - Bearings: Direct - N°1
Voltage Regulator: AVR



A.V.R. Analogic Model

GENERAL SPECIFICATIONS

Tank capacity: 10 lt.

Autonomy (75% of PRP): 4 h

Starting battery: 12 Vdc -37Ah

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

Performance class: G2

Length: 1005 mm

Width: 610 mm

Height: 715 mm

Weight: 226 Kg

If you are looking for another product such as MOSA GE 12054 HZDT generator set then you can browse our catalog for more [land based generator sets](#).

Images and technical data are not binding.

Product features:

Phase: Single phase / Three phase

Continuous power single phase (KW): 4.8

Continuous power single phase (KVA): 6

Maximum power three phase (KW): 9.6

Continuous power three phase (KW): 8.8

Maximum power three phase (KVA): 12

Continuous power three phase (KVA): 11

Fuel: Diesel

Frequency (Hz): 50

Voltage (V): 230 / 400

Sockets configuration: 1 x 400V 16A 3P+N+T CEE IP67 - 2 x 230V 16A 2P+T Schuko

Engine: Hatz 1D90

Emissions Regulations: Stage 5

Engine rpm (rpm): 3000

Speed governor: Mechanical

Starting system: Electric

Engine capacity (cm³): 722

Number cylinders: 1

Oil capacity (L): 1.9

Cooling: Air

Inyección : Direct

Alternator: Synchronous self-excited, self-regulated, brushless

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 7 m
Length (mm): 1005
Width (mm): 610
Height (mm): 715
Dry weight (Kg): 226
Silenced: No
Super silenced: No
Product type: Generator
ATS Switch device : No
Voltage regulator: AVR
Engine manufacturer: Hatz