

MOSA GE 5000 HBM

Product price:

945,00 € tax excluded



Product description:

MOSA GE5000 HBM 4.4 KW

MOSA GE5000 HBM is a single-phase generator set with a gasoline-powered Honda engine capable of delivering a power of 4.4KW. MOSA GE5000 HBM is equipped with a manual recoil starter. The alternator of the MOSA GE5000 HBM generator set is synchronous, single-phase, self-excited, self-regulated and brushless with class H insulation. MOSA GE5000 HBM is compact and convenient to maneuver and transport thanks to its compact size, its weight of 45 kg as well as the practical tubular handles.

MOSA with 5.3 liter tank has a fuel consumption of 1.6 liters / hour at 75% load for an autonomy of up to 3 hours.

The control panel is composed of:

- Thermal circuit breaker for socket protection 230V/18A
- Earth terminal (PE)
- 12 Vdc output bushings (battery charger) (Schuko and STD version)
- 12Vdc output protection fuse (Schuko and STD version)

MOSA GE5000 HBM technical specifications:

Single-phase output Stand-by (LTP): 5 kVA (4.5 kW) / 230V / 21.7A

Single-phase output PRP: 4 kVA (3.6 kW) / 230V / 17.4A

Frequency 50 Hz

ENGINE TECHNICAL DATA

Model: HONDA GX 270

Net standby output: 5.7 kWm (7.7 hp)

Net PRP output: 4.6 kWm (6.2 hp)

Cylinders / Displacement: 1 / 270 cm³ (0.27 lt.)

Bore / Stroke: 77 / 58 (mm)



Compression ratio: 8.5 : 1
RPM controller: Mechanical
FUEL CONSUMPTION
110 % (Stand-by power): 2.4 lt./h
100 % PRP: 2.1 lt. /h
75 % PRP: 1.6 lt./h
50 % PRP: 1.1 lt./h
Cooling system: Air
Oil capacity in sump: 1.1 lt

ALTERNATOR

Continuous power: 4.2 kVA
Standby power: 4.6 kVA
Single-phase voltage: 230 Vac
Frequency: 50 Hz
Voltage regulation accuracy: $\pm 5\%$
Sustained short circuit current: 3 In
Transient Cdt (100% of load): Efficiency at 100% of load: 75 % (230V - Cos ϕ 1)
Isolation: Class H
Connection - Terminals: Series - N^o2
Electromagnetic Compatibility (Radio Interference Suppression): EN55011
Harmonic Distortion - THD: Protection Degree: IP 23
Cooling Air Flow: 0.062/ m³/sec
Coupling - Bearings: Direct J609b - N^o1

GENERAL SPECIFICATIONS

Tank capacity: 5.3 l.
Run time (75% PRP): 3.3 h
Measured acoustic power LwA (LpA pressure): 96 dB(A) (71 dB(A) @ 7m)
Guaranteed acoustic power LwA (LpA pressure): 97 dB(A) (72 dB(A) @ 7m)
Performance class G2
Length: 650 mm
Width: 490 mm
Height: 520 mm
Weight: 56 kg

Features:

- Recoil start
- Engine complete with tank and silencer
- Engine stop for low oil level
- Thermal protection for overload
- Battery charger 12 Vdc - 10 A with protection fuse
- Capacitor alternator
- Thermal circuit breaker socket protection
- Fully protective open stretcher





- Portable
- Complies with EC safety directives

If you are looking for another product such as MOSA GE5000 HBM generator set then you can browse our catalog for more terrestrial gensets.

Images and technical data are not binding.

Product features:

Phase: Single phase

Maximum power single phase (KW): 4.4

Continuous power single phase (KW): 3.6

Maximum power single phase (KVA): 4.9

Continuous power single phase (KVA): 4

Fuel: Gasoline

Frequency (Hz): 50

Voltage (V): 230

Engine: Honda GX270, 4 stroke, OHV

Emissions Regulations: Stage 5

Engine rpm (rpm): 3000

Speed governor: Mechanical

Ignition: Recoil

Starting system: Pull starter

Engine capacity (cm³): 270

Number cylinders: 1

Oil capacity (L): 1.1

Cooling: Air

Alternator: Sincrono, autoeccitato, autoregolato, senza spazzole

Bore x stroke (mm): 77 x 58

