



# MOSA GE S-8000 HBT 60Hz

**Product price:**

**1.823,35 € tax excluded**

## **Product description:**

MOSA GES-8000 HBT 60Hz 6,4 KW

MOSA GES-8000 HBT 60Hz is a three-phase generating set with a gasoline-powered Honda engine capable of delivering a maximum power of 6.4 KW. The MOSA GES-8000 HBT generating set is equipped with a manual recoil starter. The alternator of the MOSA GES-8000 HBT generating set is synchronous, three-phase, self-excited, self-regulated with class H insulation.

MOSA is compact and convenient to maneuver and transport thanks to its compact size, its weight of 98 kg as well as the practical tubular handles.

The MOSA GES-8000 HBT generator set with 20-liter tank has a fuel consumption of 2.4 liters/hour at 75% load for up to 8 hours autonomy.

## **Technical specifications MOSA GES-8000 HBT:**

Three-phase output Stand-by (LTP): 8 kVA (6.4 kW)

Three-phase output PRP: 7 kVA (5.6 kW)

Single-phase output PRP 4 kW

Frequency: 50 Hz

Cos φ: 0.8

## **ENGINE TECHNICAL DATA**

Model: HONDA GX 390

Net stand-by output: 8.2 kWm (11.1 hp)

Net PRP output: 6.4 kWm (8.7 hp )

Cylinders / Displacement: 1 / 389 cm<sup>3</sup> (0.39 lt.)

Bore / Stroke: 88 / 64 (mm)

Compression ratio: 8.2 : 1

RPM controller: Mechanical

## **FUEL CONSUMPTION**

110 % (Stand-by power): 3.5 lt./h





100 % PRP: 3.2 lt. /h  
75 % PRP: 2.4 lt./h  
50 % PRP: 1.6 lt./h  
Cooling system: Air  
Sump oil capacity: 1.1 lt.

#### ALTERNATOR CHARACTERISTICS

Continuous power: 7 kVA  
Standby power: 7.7 KVA  
Single-phase voltage: 120 / 220 V  
Frequency: 60 Hz  
Voltage regulation accuracy:  $\pm 4$  %  
Sustained short-circuit current: 3 In  
Transient Cdt (100 % load): 15 %  
Efficiency at 100 % load: 80.5 % (400V - Cos $\phi$  0.8)  
Isolation: Class H  
Connection - Terminals: Series - N $^{\circ}$ 6  
Electromagnetic Compatibility (Radio Interference Suppression): EN55011  
Harmonic Distortion - THD: Direct Synchronous - Xd: 270 %  
Direct Transient - X'd: 20 %  
Direct Subtransient - X "d: 6.5 %  
Quad Synchronous. - Xq: 150 %  
Transitory - T'd: 33 ms  
Subtransitory - T "d: 5.5 ms  
Unloaded - T'do: 450ms  
Short-circuit ratio Kcc: 0.60  
Protection degree: IP 23  
Cooling air flow: 0.062/m $^3$ /sec  
Coupling - Bearings: Direct J609b - N $^{\circ}$ 1

#### GENERAL SPECIFICATIONS

Tank capacity: 20 lt.  
Run time (75% of PRP): 8.5 h  
Measured acoustic power LwA (LpA pressure): 96 dB(A) (71 dB(A) @ 7m)  
Guaranteed acoustic power LwA (LpA pressure): 96 dB(A) (71 dB(A) @ 7m)  
Performance class: G2  
Length: 770 mm  
Width: 520 mm  
Height: 650 mm  
Weight: 98 Kg

MOSA GES-8000 HBT portable generator set - Honda gasoline engine recoil start - Three-phase alternator - Three-phase power 7 kVA (5.6 kW)

#### Features:





- Recoil start
- Engine stop for low oil level
- Magnetothermal switch
- Fuel level indicator
- Protective and partially enclosed stretcher
- Silenced
- Portable
- Complies with EC directives for noise and safety
- AVR version on request

If you are looking for another product such as MOSA GES-8000 HBT generator set then you can browse our catalog for more terrestrial generator sets.

Images and technical data are not binding.

**Product features:**

Phase: Single phase / Three phase  
Continuous power single phase (KW): 4  
Continuous power single phase (KVA): 5  
Maximum power three phase (KW): 6.4  
Continuous power three phase (KW): 5.6  
Maximum power three phase (KVA): 8  
Continuous power three phase (KVA): 7  
Fuel: Gasoline  
Frequency (Hz): 60  
Voltage (V): 120 / 220  
Engine: Honda GX390, 4 stroke, OHV  
Emissions Regulations: Stage 5  
Engine rpm (rpm): 3000  
Speed governor: Mechanical  
Ignition: Recoil  
Starting system: Pull starter  
Engine capacity (cm<sup>3</sup>): 389  
Number cylinders: 1  
Oil capacity (L): 1.1  
Cooling: Air  
Alternator: Synchronous self-excited, self-regulated  
Bore x stroke (mm): 88 x 64  
Fuel tank capacity (L): 20  
Consumption (L/h): 2.4 at 75% of the load





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Running time (h): 8.3 at 75% of the load  
Acoustic pressure: 71 dB(A) at 7 m  
Length (mm): 770  
Width (mm): 520  
Height (mm): 650  
Dry weight (Kg): 98  
Silenced: Yes  
Super silenced: No  
ATS Switch device : No  
Voltage regulator: Compound / AVR (optional)