



# MOSA GE S-8000 HBT



**Product price:**

**1.823,35 € tax excluded**

## **Product description:**

MOSA GES-8000 HBT 6,4 KW

MOSA GES-8000 HBT 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.

## **Sockets:**

1x 400V 16A 3P+N+T CEE

1x 230V 16A 2P+T CEE

1x 230V 16A 2P+T Schuko

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

Three-phase output Stand-by (LTP): 8 kVA (6.4 kW) / 400V /11.5A

Three-phase output PRP: 7 kVA (5.6 kW) / 400 V / 10.1A

Single-phase output PRP 4 kW / 230 V / 17.4A

Frequency: 50 Hz

Cos ? : 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: 400 Vac

Frequency: 50 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<sup>o</sup>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<sup>3</sup>/sec

Coupling - Bearings: Direct J609b - N<sup>o</sup>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): 50

Voltage (V): 230 / 400

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

Engine: Honda GX390, 4 stroke, OHV

Emissions Regulations: Stage 5

Engine rpm (rpm): 3000

Speed governor: Mechanical

Ignition: Recoil

Starting system: Pull starter

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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  
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)