



## MOSA GE S-8000 HBT 60Hz

Reference: CK7P0010 60Hz

### 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:  $3 I_n$   
Transient Cdt (100 % load): 15 %  
Efficiency at 100 % load: 80.5 % (400V - Cos $\phi$  0.8)  
Isolation: Class H  
Connection - Terminals: Series - N°6  
Electromagnetic Compatibility (Radio Interference Suppression): EN55011  
Harmonic Distortion - THD:  $< 4\%$   
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°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.

## Technical Sheet

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
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 ATS
Voltage regulator	Compound / AVR (optional)