



# MOSA GE SX-7000 HBM

Product price:

**3,023.46 € tax excluded**

## Product description:

### MOSA GE SX-7000 HBM 6 KW super-silenced AVR generating set

MOSA GE SX-7000 HBM is a 6 KW single-phase gasoline-powered generator set with Honda engine, **super-silenced** and voltage regulator with **AVR** technology. The MOSA GE SX-7000 HBM is easily transportable, using the special side handles and thanks to its weight of 159 kg. Even quieter and more efficient than traditional models, the MOSA GE SX-7000 HBM generator set delivers a stable and precise single-phase power of 6 KW suitable for powering sophisticated electronic equipment that is sensitive to voltage and frequency variations.

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

The GE SX-7000 HBM generator provides a stable and precise single-phase power supply of 6 KW.

### AVR voltage regulator

The automatic voltage regulator AVR is an electronic device that realizes voltage regulation. The voltage error resulting from the comparison between the voltage to be regulated and a stable reference is virtually cancelled by acting on the rotor excitation current.

The regulation characteristics are much better than those of self-regulated alternators.

The MOSA GE SX-7000 HBM generator set is equipped with an 18-liter capacity tank for more than 7 hours of continuous operation at 75% load.

It features a steel frame with engine and alternator mounted on vibration dampers to reduce noise and increase service life. The flush-mounted front panel protects the outlets, controls and instruments from accidental damage while the cowling provides protection for the entire machine. The MOSA GE SX-7000 HBM generator set is prepared to be connected to the **EAS** automatic start panel, allowing the machine to be used as an emergency unit in the event of a main power failure from the commercial electrical grid.

The MOSA GE SX-7000 HBM control panel houses the machine's outlets and controls, including



the residual current circuit breaker, circuit breaker and thermal protection.

A **TCM** remote control is also available for the MOSA GE SX-7000 HBM generator set, allowing engine start/stop up to 10 meters away from the machine.

The MOSA generator set is **suitable for a wide range of uses** such as construction, equipment rental, and events.

### Technical Features of the MOSA GE SX-7000 HBM:

Single-phase Stand-by Output (LTP): 6.7 kVA (6 kW) /230V/ 29.1A

Single-phase PRP Output: 6 kVA (5.4 kW) /230V/26 A

Frequency: 50 Hz

Cos  $\phi$ : 0.9

### ENGINE TECHNICAL DATA

Model: HONDA iGX 390

Net standby 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: Electronic

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

Oil capacity in sump: 1.1 lt.

Maximum back pressure: 4.3 kPa

Electrical system: 12 Vdc (AE)

Battery charge alternating capacity: 1 A

### TECHNICAL DATA ALTERNATOR

Continuous power: 6 kVA

Standby power: 6. 6 kVA

Single-phase voltage: 230 /115 Vac

Frequency: 50 Hz

Cos  $\phi$ : 1

Voltage regulation accuracy:  $\pm 2$  %

Sustained short-circuit current: 3 In

Transient Cdt (100 % of load): 10 %

Efficiency at 100 % of load: 77 % (230V - Cos  $\phi$  1)

Isolation: Class H

Connection - Terminals: Series - No. 4

Harmonic Distortion - THD: 6 %

Protection Class: IP 23

Coupling - Bearings: Direct J609b - No. 1



A. Model. V.R. Model: AVR-d

#### GENERAL SPECIFICATIONS

Tank capacity: 18 lt.

Range of autonomy (75% of PRP): 7.5 h

Starting battery 12 Vdc -18Ah (AE)

Measured acoustic power LwA: 91.5 dB(A) (66. 5 dB(A) @ 7m)

Guaranteed acoustic power LwA: 93 dB(A) (68 dB(A) @ 7m)

Performance class: G2

Length: 1060 mm

Width: 565 mm

Height: 663.5 mm

Weight: 159 Kg

If you are looking for another product such as MOSA GE SX-7000 HBM then you can browse our catalog for more [overland generator sets](#).

Images and technical data are not binding.

#### Product features:

Phase: Single phase

Maximum power single phase (KW): 6

Continuous power single phase (KW): 5.4

Maximum power single phase (KVA): 6.7

Continuous power single phase (KVA): 6

Fuel: Gasoline

Frequency (Hz): 50

Voltage (V): 230

Sockets configuration: 1 x 230V 32A 2P+T CEE IP44 - 1 x 230V 16A 2P+T CEE IP44 - 1 x 230V

16A 2P+T Schuko

Engine: Honda iGX390, 4 stroke, OHV

Emissions Regulations: Stage 5

Engine rpm (rpm): 3000

Starting system: Electric

Engine capacity (cm<sup>3</sup>): 389

Number cylinders: 1

Oil capacity (L): 1.1

Cooling: Air

Alternator: Synchronous self-excited, self-regulated

Fuel tank capacity (L): 18

Consumption (L/h): 2.4

Running time (h): 7.5

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Acoustic power: 93 dB(A)  
Acoustic pressure: 68 dB(A) at 7 m  
Length (mm): 1060  
Width (mm): 565  
Height (mm): 663.5  
Dry weight (Kg): 159  
Silenced: Yes  
Super silenced: Yes  
Product type: Generator  
ATS Switch device : Optional  
Voltage regulator: AVR  
Engine manufacturer: Honda