



## MOSA GE SX-7000 HBM

Reference: CB2P1011

### 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.

**Technical Sheet**

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
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 ATS
Voltage regulator	AVR
Engine manufacturer	Honda