



MOSA GE SX-8000 HBT

Reference: CC8P1011

MOSA GESX-8000 HBT 6,4 KW Supersilenced AVR Generating Set

MOSA GESX-8000 HBT is a single-phase and three-phase 6,4 KW gasoline-powered generator set with Honda engine, **super-silenced** and voltage regulator with **AVR** technology. The MOSA GESX-8000 HBT 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 GESX-8000 HBT generator set delivers a stable and precise three-phase power of 6.4 KW suitable for powering sophisticated electronic equipment that is sensitive to voltage and frequency variations.

So you can easily enjoy all the little conveniences of home wherever you are: lights, fans, a coffee maker, laptops, radio or TV.

AVR Voltage Regulator

The AVR is an electronic device that performs 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 GESX-8000 HBT 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 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 GESX-8000 HBT generator set 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 GESX-8000 HBT genset, allowing engine start/stop up to 10 meters away from the machine.

The MOSA GESX-8000 HBT genset is **suitable for a wide range of uses** such as construction, equipment rental, and events.

Technical features of the MOSA GESX-8000 HBT:

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

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

Single-phase PRP output 3.5 kVA / kW / 230V / 15.2A

Frequency: 50 Hz

Cos φ: 0.8

ENGINE TECHNICAL DATA

Model: HONDA iGX 390

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

Net PRP output: 6.4 kWm (8.7 hp)
Cylinders / Displacement: 1 / 389 cm³ (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 % of PRP: 1.6 lt./h
Oil capacity in sump: 1.1 lt.
Electrical system: 12 Vdc (AE)
Battery charge alternating capacity: 1 A

TECHNICAL DATA ALTERNATOR

Continuous power: 7 kVA
Standby power: 7.7 kVA
Single-phase voltage: 400 + 415 Vac
Frequency: 50 Hz
Cos ϕ : 1
Voltage regulation accuracy: ± 1.5 %
Sustained short-circuit current: 3 In
Transient Cdt (100% load): < 10 %
Efficiency at 100% load: 81 % (400V - Cos ϕ 0.8)
Isolation: Class H
Connection - Terminals: Series - N°6
Harmonic distortion - THD: < 6 %
Protection class: IP 23
Coupling - Bearings: Direct J609b - N°1
A.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)
Acoustic power measured 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 GESX-8000 HBT generator set then you can browse our catalog for more [overland generator sets](#).

Images and technical data are not binding.

Technical Sheet

Phase	Single phase / Three phase
Continuous power single phase (KW)	2.8
Continuous power single phase (KVA)	3.5
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 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	Elettrico
Engine capacity (cm ³)	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