



## MOSA GE 3500 HBM

Reference: CJ6N5010

### MOSA GE3500 HBM 2.9 KW

MOSA GE3500 HBM single-phase 2.9 KW gasoline-powered Honda engine. The MOSA GE3500 HBM generator set is equipped with manual recoil start. The alternator of the MOSA GE3500 HBM generator set is synchronous, single-phase, self-excited, self-regulated and brushless with class H insulation. MOSA is compact and convenient to maneuver and transport thanks to its compact size, its weight of 45 kg as well as its practical tubular handles.

The MOSA GE3500 HBM generator set with 3.1-liter tank has a fuel consumption of 1.1 liters/hour at 75% load for an autonomy of almost 3 hours.

The control panel consists of:

- Output sockets: 2x 230V 16A 2P+T Schuko
- Thermal circuit breaker for 230V/12A socket protection
- Ground terminal (PE)
- 12 Vdc output sockets (battery charger)
- 12Vdc output protection fuse

#### Technical specifications MOSA GE3500 HBM:

Singlephase output Stand-by (LTP): 3.2 kVA (2.9 kW) / 230V / 13.9 A

Singlephase output PRP: 2.9 kVA (2.6 kW) / 230V / 12.6 A

Frequency 50 Hz

#### MOTOR TECHNICAL DATA

Model: HONDA - GX 200

Net stand-by output: 3.7 kWm (5 hp)

Net PRP output: 3.3 kWm (4.5 hp)

Cylinders / Displacement: 1 / 196 cm<sup>3</sup> (0.196 lt.)

Bore / Stroke: 68 / 54 (mm)

Compression ratio: 8.5 : 1

RPM controller: Mechanical

#### FUEL CONSUMPTION

110 % (Stand-by power): 1.7 lt./h

100 % PRP: 1.5 lt. /h

75 % PRP: 1.1 lt./h

50 % PRP: 0.75 lt./h

Cooling system: Air

Oil capacity in sump 0.6 lt.

#### ALTERNATOR

Continuous power: 3 kVA

Standby power: 3.3 kVA  
Single-phase voltage: 230 Vac  
Frequency: 50 Hz  
Voltage regulation accuracy:  $\pm 5\%$   
Sustained short-circuit current: 3 In  
Transient Cdt (100% of load):  $< 15\%$   
Efficiency at 100% of load: 75 % (230V - Cos ? 1)  
Isolation: Class H  
Connection - Terminals: Series - No. 2  
Electromagnetic Compatibility  
(Radio Interference Suppression): EN 55011  
Harmonic Distortion - THD:  $< 6\%$   
Cooling Air Flow: 0.062 m<sup>3</sup>/sec  
Coupling - Bearings: Direct J609a - N°1

#### GENERAL SPECIFICATIONS

Tank capacity: 3.1l.  
Run time (75% PRP): 2.8 h  
Protection Class: IP 23  
Measured acoustic power LwA  
(LpA pressure): 95 dB(A) (70 dB(A) @ 7m)  
Guaranteed acoustic power LwA  
(LpA pressure): 96 dB(A) (71 dB(A) @ 7m)  
Performance class: G2  
Length: 650 mm  
Width: 490 mm  
Height: 520 mm  
Weight: 45 Kg

#### Features:

- Starting recoil start
- Engine complete with tank and silencer
- Engine stop for low oil level
- Thermal protection for overload
- Battery charger 12 Vdc - 10 A with protection fuse
- Capacitor alternator
- Thermal circuit breaker socket protection
- Fully protective open stretcher
- Portable
- Complies with EC directives for noise and safety

If you are looking for another product such as MOSA GE3500 HBM generator set then you can browse our catalog for more [terrestrial gensets](#).

Images and technical data are not binding.

## Technical Sheet

Phase	Single phase
Maximum power single phase (KW)	2.9
Continuous power single phase (KW)	2.6
Maximum power single phase (KVA)	3.2
Continuous power single phase (KVA)	2.9
Fuel	Gasoline

Frequency (Hz)	50
Voltage (V)	230
Sockets configuration	2 x 230V 16A 2P+T SCHUKO
Engine	Honda GX200, 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> )	196
Number cylinders	1
Oil capacity (L)	0.6
Cooling	Air
Alternator	Synchronous self-excited, self-regulated, brushless
Bore x stroke (mm)	68 x 54
Compression ratio	8.5 : 1