



## MOSA GE 5000 HBM

Reference: CJ8N6010

### MOSA GE5000 HBM 4.4 KW

MOSA GE5000 HBM is a single-phase generator set with a gasoline-powered Honda engine capable of delivering a power of 4.4KW. MOSA GE5000 HBM is equipped with a manual recoil starter. The alternator of the MOSA GE5000 HBM generator set is synchronous, single-phase, self-excited, self-regulated and brushless with class H insulation. MOSA GE5000 HBM is compact and convenient to maneuver and transport thanks to its compact size, its weight of 45 kg as well as the practical tubular handles. MOSA with 5.3 liter tank has a fuel consumption of 1.6 liters / hour at 75% load for an autonomy of up to 3 hours.

The control panel is composed of:

- Thermal circuit breaker for socket protection 230V/18A
- Earth terminal (PE)
- 12 Vdc output bushings (battery charger) (Schuko and STD version)
- 12Vdc output protection fuse (Schuko and STD version)

#### MOSA GE5000 HBM technical specifications:

Single-phase output Stand-by (LTP): 5 kVA (4.5 kW) / 230V / 21.7A

Single-phase output PRP: 4 kVA (3.6 kW) / 230V / 17.4A

Frequency 50 Hz

#### ENGINE TECHNICAL DATA

Model: HONDA GX 270

Net standby output: 5.7 kWm (7.7 hp)

Net PRP output: 4.6 kWm (6.2 hp)

Cylinders / Displacement: 1 / 270 cm<sup>3</sup> (0.27 lt.)

Bore / Stroke: 77 / 58 (mm)

Compression ratio: 8.5 : 1

RPM controller: Mechanical

#### FUEL CONSUMPTION

110 % (Stand-by power): 2.4 lt./h

100 % PRP: 2.1 lt. /h

75 % PRP: 1.6 lt./h

50 % PRP: 1.1 lt./h

Cooling system: Air

Oil capacity in sump: 1.1 lt

#### ALTERNATOR

Continuous power: 4.2 kVA

Standby power: 4.6 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 - N°2  
Electromagnetic Compatibility (Radio Interference Suppression): EN55011  
Harmonic Distortion - THD:  $< 6\%$   
Protection Degree: IP 23  
Cooling Air Flow: 0.062/ m<sup>3</sup>/sec  
Coupling - Bearings: Direct J609b - N°1

#### GENERAL SPECIFICATIONS

Tank capacity: 5.3 l.  
Run time (75% PRP): 3.3 h  
Measured acoustic power LwA (LpA pressure): 96 dB(A) (71 dB(A) @ 7m)  
Guaranteed acoustic power LwA (LpA pressure): 97 dB(A) (72 dB(A) @ 7m)  
Performance class G2  
Length: 650 mm  
Width: 490 mm  
Height: 520 mm  
Weight: 56 kg

#### Features:

- 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 safety directives

If you are looking for another product such as MOSA GE5000 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)	4.4
Continuous power single phase (KW)	3.6
Maximum power single phase (KVA)	4.9
Continuous power single phase (KVA)	4
Fuel	Gasoline
Frequency (Hz)	50
Voltage (V)	230

Engine	Honda GX270, 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> )	270
Number cylinders	1
Oil capacity (L)	1.1
Cooling	Air
Alternator	Sincrono, autoeccitato, autoregolato, senza spazzole
Bore x stroke (mm)	77 x 58