



## MOSA GE S-5000 HBM, AVR

Reference:

### MOSA GE S-5000 HBM 4,4 KW AVR

MOSA GE S-5000 HBM AVR is a single-phase generating set with a Honda gasoline engine capable of delivering a power of 4.4 KW. The MOSA GE S-5000 HBM generator set is equipped with a manual recoil starter. The alternator of the MOSA GE S-5000 HBM generator set is synchronous, single-phase, self-excited, self-regulated, brushless with class H insulation and with AVR voltage regulator.

MOSA is compact and convenient to maneuver and transport due to its compact size, 76 kg weight as well as convenient tubular handles. Generator set with partial cowling to reduce noise emissions. The MOSA GE S-5000 HBM generator set with 20-liter tank has a fuel consumption of 1.6 liters/hour at 75% load for up to 12 hours autonomy.

#### Sockets:

1x230V 32A 2P+E CEE  
1x230V 16A 2P+E CEE  
1x230V 16A 2P+E Schuko

#### Technical Specifications MOSA GE S-5000 HBM:

Single-phase Stand-by Output (LTP): 4.9 kVA (4.4 kW) / 230V / 21.3A  
Single-phase Stand-by Output (LTP): 4.9 kVA (4.4 kW) / 115V / 42.6A  
Single-phase PRP output: 4 kVA (3.6 kW) / 230V / 17.4A  
Single-phase PRP output: 4 kVA (3.6 kW) / 115V / 34.8A  
Frequency: 50 Hz  
Cos?: 0.9

#### MOTOR TECHNICAL DATA

Model: HONDA GX 270  
Net stand-by 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: Electronic

#### 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

Capacity oil in sump 1.1 lt.

#### ALTERNATOR

Continuous power: 4.5 kVA  
Standby power: 5 kVA  
Single-phase voltage: 230 Vac  
Frequency: 50 Hz  
Cos $\phi$ : 1  
Voltage regulation accuracy:  $\pm 1\%$   
Sustained short-circuit current: 3 In  
Transient Cdt (100 % load): < 10 %  
Efficiency at 100 % load: 76 % (230V - Cos  $\phi$  1)  
80.5 % (400V - Cos  $\phi$  1)  
Isolation: Class H  
Connection - Terminals: Series - No. 2  
Electromagnetic compatibility (Radio Interference Suppression): EN55011  
Harmonic distortion - THD: < 5.5 %  
Protection degree: IP 23  
Cooling air flow: 0.062/ m<sup>3</sup>/sec  
Coupling - Bearings: Direct J609b - N°1

#### GENERAL SPECIFICATIONS

Tank capacity: 20 lt.  
Run time (75% of PRP): 12.5 h  
Measured acoustic power L<sub>WA</sub> (L<sub>pA</sub> pressure): 95 dB(A) (70 dB(A) @ 7m)  
Guaranteed acoustic power L<sub>WA</sub> (L<sub>pA</sub> pressure): 96 dB(A) (71 dB(A) @ 7m)  
Performance class: G2  
Length: 770 mm  
Width: 520 mm  
Height: 650 mm  
Weight: 76 Kg

#### Features:

- Recoil start
- Engine stop for low oil level
- Magnetothermal switch
- Fuel level indicator
- Protective and partially hooded stretcher
- Silenced
- Portable
- Complies with CE directives for noise and safety
- AVR voltage regulator

If you are looking for another product such as MOSA GE S-5000 HBM AVR generator set then you can browse our catalog for more [terrestrial generator sets](#).

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
Sockets configuration	1 x 230V 32A 2P+T CEE - 1 x 230V 16A 2P+T CEE - 1 x 230V 16A 2P+T SCHUKO
Engine	Honda GX270, 4 stroke, OHV
Emissions Regulations	Stationary Use
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	Synchronous self-excited, self-regulated
Bore x stroke (mm)	77 x 58