



## MOSA GE 5000 BBM

Reference:

### MOSA GE5000 BBM 4,5 KW

MOSA GE5000 BBM single-phase 4.5 KW gasoline-powered Briggs&Stratton engine. The MOSA GE5000 BBM generator set is equipped with manual recoil starter. The alternator of the MOSA GE5000 BBM 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 57 kg as well as the practical tubular handles.

The MOSA GE5000 BBM generator set with 5.3 liter tank has a fuel consumption of 1.9 liters/hour at 75% load for an autonomy of almost 3 hours.

The control panel consists of:

- Output sockets: 1x 230V 16A 2P+T CEE / 1x 230V 16A 2P+T Schuko
- Thermal circuit breaker for 230V/18A socket protection
- Ground terminal (PE)
- 12 Vdc output sockets (battery charger)
- 12Vdc output protection fuse

#### Technical specifications MOSA GE5000 BBM:

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: B&S - XR1450

Net stand-by output 6.5 kWm (8.8 hp)

Net PRP output 5.9 kWm (8 hp)

Cylinders / Displacement: 1 / 306 cm<sup>3</sup> (0.306 lt. )

Bore / Stroke: 82 / 52 (mm)

RPM Controller: Mechanical

#### FUEL CONSUMPTION

110 % (Stand-by power): 2.9 lt./h

100 % PRP: 2.6 lt./h

75 % PRP: 1.9 lt./h

50 % PRP: 1.3 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  $\phi$  1)  
 Isolation: Class H  
 Connection - Terminals: Series - No. 2  
 Electromagnetic Compatibility (Radio Interference Suppression): EN55011  
 Harmonic Distortion - THD:  $< 6\%$   
 Cooling Air Flow: 0.062/ m<sup>3</sup>/sec  
 Coupling - Bearings: Direct J609b - N°1

#### TECHNICAL SPECIFICATIONS

Tank capacity: 5.3 l.  
 Run time (75% PRP): 2.8 h  
 Protection class: IP 23  
 Acoustic power LwA (LpA pressure): 99 dB(A) (74 dB(A) @ 7m)  
 Performance class: G2  
 Length: 650 mm  
 Width: 490 mm  
 Height: 520 mm  
 Weight: 57 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 like the Generator Set MOSA GE5000 BBM 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)	4.5
Continuous power single phase (KW)	3.6
Maximum power single phase (KVA)	5
Continuous power single phase (KVA)	4
Fuel	Gasoline
Frequency (Hz)	50
Voltage (V)	230
Sockets configuration	1 x 230V 16A 2P+T CEE - 1 x 230V 16A 2P+T SCHUKO

Engine	Briggs&Stratton XR1450, 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> )	306
Number cylinders	1
Oil capacity (L)	1.1
Cooling	Air
Alternator	Sincrono, autoeccitato, autoregolato, senza spazzole
Bore x stroke (mm)	82 x 52