



MOSA GE 7000 BBM

Reference: CK1Q5000

MOSA GE7000 BBM 6 KW

MOSA GE7000 BBM single-phase 6 KW gasoline-powered Briggs&Stratton engine. The MOSA GE7000 BBM generator set is equipped with manual recoil starter. The alternator of the MOSA GE7000 BBM generator set is synchronous, single-phase, self-excited, self-regulated, brushless and with class H insulation. MOSA is compact and convenient to maneuver and transport thanks to its compact size, its weight of 75 kg as well as its practical tubular handles.

The MOSA GE7000 BBM generator set with 6.6-liter tank has a fuel consumption of 2.7 liters/hour at 75% load for an autonomy of up to 2 hours.

The control panel consists of:

- Output sockets: 1x 230V 32A 2P+E CEE / 1x 230V 16A 2P+E CEE
- Thermal circuit breaker for 230V/16A socket protection
- Voltmeter
- Magnetothermal switch
- Ground terminal (PE)

Technical specifications MOSA GE7000 BBM:

Single-phase output Stand-by (LTP): 6.7 kVA (6 kW) / 230V / 29.1A
Single-phase output PRP: 5.5 kVA (5 kW) / 230V / 23.9A
Frequency 50 Hz

MOTOR TECHNICAL DATA

Model: B&S - XR2100
Net stand-by output: 8.1 kWm (11 hp)
Net PRP output: 7.3 kWm (10 hp)
Cylinders / Displacement: 1 / 420cm³ (0.42 lt.)
Bore / Stroke: 90 / 66 (mm)
RPM Controller: Mechanical

FUEL CONSUMPTION

110 % (Stand-by power): 4 lt./h
100 % PRP: 3.6 lt./h
75 % PRP: 2.7 lt./h
50 % PRP: 1.8 lt./h
Cooling system: Air
Capacity oil in sump: 1.1 lt

ALTERNATOR

Continuous power: 6 kVA
Standby power: 6.6 kVA

Single phase voltage: 230 Vac
Frequency: 50 Hz
Voltage regulation accuracy: $\pm 5\%$
Sustained short circuit current: 3 In
Transient Cdt (100% load): $< 15\%$
Efficiency at 100% load: 77.5 % (230V - Cos ϕ 1)
Isolation: Class H
Connection - Terminals: Series - N°4
Electromagnetic compatibility (Radio Interference Suppression): EN55011
Harmonic distortion - THD: $< 6\%$
Protection class: IP 23
Cooling air flow: 0.06/ m³/sec
Coupling - Bearings: Direct J609b - N°1

GENERAL SPECIFICATIONS

Tank capacity: 6.6 l.
Run time (75% PRP): 2.5 h
Protection class: IP 23
Measured acoustic power LwA (LpA pressure): 99 dB(A) (74 dB(A) @ 7m)
Performance class: G2
Length: 770 mm
Width: 520 mm
Height: 650 mm
Weight: 75 Kg

Features:

- Starting recoil start
- Engine complete with tank and silencer
- Engine stop for low oil level
- Condenser alternator
- Thermal circuit breaker 16A socket protection
- Thermomagnetic circuit breaker
- LED voltmeter
- Fully protective open stretcher
- Portable
- Complies with CE safety directives

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Images and technical data are not binding.

Technical Sheet

Phase	Single phase
Maximum power single phase (KW)	6
Continuous power single phase (KW)	5
Maximum power single phase (KVA)	6.7
Continuous power single phase (KVA)	5.5
Fuel	Gasoline
Frequency (Hz)	50
Voltage (V)	230

Sockets configuration	1 x 230V 32A 2P+T CEE - 1 x 230V 16A 2P+T CEE
Engine	Briggs&Stratton XR2100, 4 stroke, OHV
Emissions Regulations	Stage 5
Engine rpm (rpm)	3000
Speed governor	Mechanical
Ignition	Recoil
Starting system	Pull starter
Engine capacity (cm ³)	420
Number cylinders	1
Oil capacity (L)	1.1
Cooling	Air
Alternator	Sincrono, autoeccitato, autoregolato, senza spazzole
Bore x stroke (mm)	90 x 66