



MOSA GE 3500 KBM STAGE 5 Engine Generator

Reference: CJ6R1010

MOSA GE3500 KBM 2.9 KW

MOSA GE3500 KBM single-phase 2.9 KW gasoline-powered Kohler engine. The MOSA GE3500 KBM generator set is equipped with manual recoil start. The MOSA GE3500 KBM generator set alternator is synchronous, single-phase, self-excited, self-regulated and brushless with class H insulation.

This MOSA genset is compact and convenient to maneuver and transport thanks to its compact size, its weight of 44 kg as well as its practical tubular handles.

The MOSA GE3500 KBM genset with 4-liter tank has a fuel consumption of 1.2 liters/hour at 75% load for an autonomy of up to 3 hours.

The control panel consists of:

- ON-OFF motor switch
- Output sockets: 2x 230V 16A 2P+T Schuko
- Air control
- Thermal circuit breaker for 230V/16A socket protection: 1 x 12A
- Earth terminal (PE)
- 12 Vdc output sockets (battery charger)
- 12Vdc output protection fuse

Technical specifications MOSA GE3500 KBM:

Singlephase Stand-by (LTP) output: 3.2 kVA (2.9 kW) / 230V / 13.9 A
Singlephase PRP output: 2.9 kVA (2.6 kW) / 230V / 12.6 A
Singlephase Stand-by (LTP) output: 3.2 kVA (2.9 kW) / 115V / 27.8 A
Singlephase PRP output: 2.9 kVA (2.6 kW) / 115V / 25.2 A
Frequency: 50 Hz

MOTOR TECHNICAL SPECIFICATIONS

Motor: KOHLER CH270 (Stage 5)
Net standby power: 4 kWm (5.4 hp)
Net PRP power: 3.6 kWm (4.9 hp)
Cylinders / Displacement: 1 / 208 cm³ (0.208 lt)
Bore / Stroke: 70 / 54 (mm)
Compression Ratio: 8.5 : 1
RPM controller: Mechanical

FUEL CONSUMPTION

110 % (Stand-by power): 1.9 lt./h
100 % PRP: 1.7 lt. /h
75 % PRP: 1.2 lt./h

50 % PRP: 0.8 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: $< 6 \%$

GENERAL SPECIFICATIONS

Tank capacity: 4 lt.
Run time (75% of PRP): 3. 3 h
Protection Class: IP 23
Measured acoustic power LwA (LpA pressure): 96 dB(A) (71 dB(A) @ 7m)
Guaranteed acoustic LwA (LpA pressure): 96 dB(A) (71 dB(A) @ 7m)
Performance class: G2
Length: 650 mm
Width: 490 mm
Height: 520 mm
Weight: 44 Kg

- Fully protective open stretcher
- Engine stop for low oil level
- Engine complete with tank and silencer
- Condenser alternator
- Thermal circuit breaker socket protection
- Battery charger 12Vdc - 10A
- Complies with CE directives
- Engine in accordance with the provisions of EU regulation 1628-2016

If you are looking for another product such as the MOSA GE3500 KBM generator set then you can browse our catalog for other [terrestrial generator sets](#).

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	KOHLER CH270
Emissions Regulations	Stage 5
Engine rpm (rpm)	3000
Speed governor	Mechanical
Ignition	Recoil
Starting system	Pull starter
Engine capacity (cm ³)	196
Number cylinders	1
Oil capacity (L)	0.6
Cooling	Air
Alternator	Sincrono, autoeccitato, autoregolato, senza spazzole
Bore x stroke (mm)	68 x 54
Compression ratio	8.5 : 1