



MOSA GE S8000 BBTL Generator Set StageV AVR 400/230V

Reference: CL1Q9001

MOSA GE S8000 BBTL StageV AVR 400/230V Generator Group

The MOSA GE S8000 BBTL is a powerful electric generator designed to provide reliable power in a variety of situations, from construction site to emergency. Compliant with Stage V emission regulations, this model provides high performance and low environmental impact.

Key Features MOSA GE S8000 BBTL:

Versatile Energy: Offers continuous three-phase power of 5.6 kW (7 kVA) at 400V and single-phase power of 3.5 kW (230V), ideal for powering a wide range of tools and appliances.

MOSA GE S8000 BBTL powerful and reliable motor: The Briggs & Stratton XR2100 3000 RPM motor, combined with the Automatic Voltage Regulator (AVR) system, ensures stable voltage and protects connected devices.

MOSA Extended Autonomy: Thanks to the 20-liter fuel tank, the generator provides 8.5 hours of autonomy at 75 percent load, making it perfect for long work sessions.

MOSA GE S8000 BBTL Quiet and Portable: The low noise level (99 dB(A) at 7 meters) and weight of only 93 kg make it ideal for use in residential or confined spaces.

MOSA GE S8000 BBTL safety and convenience: Equipped with an engine stop for low oil level, circuit breaker, hour meter and voltmeter, the generator is easy to operate and safe.

MOSA GE S8000 BBTL with regulatory compliance: Meets the latest European emission (Stage V) and safety standards.

Technical Specifications MOSA GE S8000 BBTL:

Three-phase Stand-by power: 8 kVA (6.4 kW) / 400V / 11.5A

Three-phase PRP power: 7 kVA (5.6 kW) / 400V / 10.1A

Single-phase PRP power: 3.5 kVA / kW / 230V / 15.2A

Frequency: 50 Hz

Tank capacity: 20 liters.

Autonomy (75% PRP): 8.5 h

LwA sound pressure (LpA pressure): 99 dB(A) (74 dB(A) @ 7 m)

Dry weight: 93 kg

Length: 770mm

Width: 520mm

Height: 630mm

Engine: B&S - XR2100

Engine RPM: 3000 rpm

RPM regulator: Mechanical

Degree of protection: IP 23

Stage V

If you are looking for another product such as MOSA GE S-8000 BBT-L 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 / Three phase
Continuous power single phase (KVA)	3.5
Maximum power three phase (KW)	6.4
Continuous power three phase (KW)	5.6
Maximum power three phase (KVA)	8
Continuous power three phase (KVA)	7
Fuel	Gasoline
Frequency (Hz)	50
Voltage (V)	230 / 400
Sockets configuration	1x400V 16A CEE - 1x230V 16A CEE
Engine	Briggs&Stratton XR2100, 4 stroke, OHV
Emissions Regulations	Stage 5
Engine rpm (rpm)	3000
Speed governor	Mechanical
Starting system	Elettrico
Engine capacity (cm ³)	420
Number cylinders	1
Oil capacity (L)	1.1

Cooling	Air
Alternator	SYNCHRONOUS, THREE-PHASE, SELF-EXCITED, SELF-REGULATED
Bore x stroke (mm)	90 x 66
Fuel tank capacity (L)	20
Consumption (L/h)	2.7 al 75% del carico
Running time (h)	8.5 at 75% of the load
Acoustic pressure	99 dB(A) (74 dB(A) @ 7m)
Length (mm)	770
Width (mm)	520
Height (mm)	630
Dry weight (Kg)	93
Silenced	Yes
Voltage regulator	AVR