



# MOSA GE S-8000 BBT ELECTRIC STARTER, AVR

**Product price:**

**1.990,00 € tax excluded**

## **Product description:**

MOSA GES-8000 BBT 6,4 KW AVR

MOSA GES-8000 BBT is a three-phase generating set with a Briggs&Stratton gasoline-powered engine capable of delivering a power of 6.4 KW. The MOSA GES-8000 BBT generating set is equipped with electric start. The alternator of the MOSA GES-8000 BBT generator set is synchronous, three-phase, self-excited, self-regulated with class H insulation.

MOSA is compact and convenient to maneuver and transport thanks to its compact size, its weight of 112 kg as well as the practical tubular handles.

The MOSA GES-8000 BBT generator set with 20-liter tank has a fuel consumption of 2.7 liters/hour at 75% load for a range of more than 10 hours.

## **Sockets:**

1x 400V 16A 3P+N+T CEE

1x 230V 16A 2P+T CEE

1x 230V 16A 2P+T Schuko

## **Technical specifications MOSA GES-8000 BBT:**

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

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

Single-phase output: PRP 4 kW / 230 V / 17.4A

Frequency: 50 Hz

Cos  $\phi$ : 0.8

## **MOTOR TECHNICAL DATA**

Model: B&S - XR2100

Net stand-by output: 8.15 kWm (11 hp)

Net PRP output: 7.3 kWm (10 hp)





Cylinders / Displacement: 1 / 420 cm<sup>3</sup> (0.42 lt.)  
Bore / Stroke: 90 / 66 (mm)  
RPM Controller: Mechanical  
110 % (Stand-by power): 4 lt. /h  
100 % PRP: 200 g/kWh - 3.6 lt./h  
75 % PRP: 200 g/kWh - 2.7 lt./h  
50 % PRP: 220 g/kWh - 1.8 lt./h  
Cooling system: Air  
Sump oil capacity: 1.1 lt.

#### TECHNICAL DATA ALTERNATOR

Continuous power: 7 kVA  
Standby power: 7.7 kVA  
Single-phase voltage: 400 Vac  
Frequency: 50 Hz  
Cos  $\phi$ : 1  
Voltage regulation accuracy:  $\pm 1$  %  
Sustained short-circuit current: 3 In  
Transient Cdt (100% load): 15 %  
Yield at 100% load: 82.5 % (400V - Cos  $\phi$  0.8)  
Isolation: Class H  
Connection - Terminals: Series - No. 6  
Electromagnetic Compatibility (Radio Interference Suppression): EN55011  
Harmonic Distortion - THD: Direct Synchronous - Xd: 222 %  
Direct Transitory - X'd: 15 %  
Direct Subtransitory - X''d: 4.7 %  
Synchronous in quad. - Xq: 128 %  
Transitory - T'd: 33 ms  
Subtransitory - T''d: 6ms  
Unloaded - T'do: 500 ms  
Kcc short-circuit ratio: 0.72  
Protection Class: IP 23  
Cooling Air Flow: 0.06/ m<sup>3</sup>/sec  
Coupling - Bearings: Direct J609b - No. 1  
Voltage Regulator: AVR  
AVR Model: HVR10

#### GENERAL SPECIFICATIONS

Tank capacity: 20 lt.  
Run time (75% of PRP): 10.5 h  
Starting battery: 12V - 18Ah (AE)  
Measured acoustic power LwA (LpA pressure): 99 dB(A) (74 dB(A) @ 7m)  
Performance class: G2Length: 770 mm  
Width: 520 mm  
Height: 650 mm





Weight: 112 Kg

**Features:**

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

If you are looking for another product such as MOSA GES-8000 BBT generator set then you can browse our catalog for more terrestrial generator sets.

Images and technical data are not binding.

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**Product features:**

Phase: Single phase / Three phase

Continuous power single phase (KW): 4

Continuous power single phase (KVA): 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: 1 x 400V 16A 3P+N+T CEE - 1 x 230V 16A 2P+T CEE - 1 x 230V 16A 2P+T SCHUKO

Engine: Briggs&Stratton XR2100, 4 stroke, OHV

Emissions Regulations: Stage 5

Engine rpm (rpm): 3000

Speed governor: Mechanical

Starting system: Electric

Engine capacity (cm<sup>3</sup>): 420

Number cylinders: 1

Oil capacity (L): 1.1

Cooling: Air





Alternator: Synchronous self-excited, self-regulated

Bore x stroke (mm): 90 x 66

Fuel tank capacity (L): 20

Consumption (L/h): 2.7 at 75% of the load

Running time (h): 7.4 at 75% of load

Acoustic pressure: 74 dB(A) at 7 m

Length (mm): 770

Width (mm): 520

Height (mm): 650

Dry weight (Kg): 112

Silenced: Yes

Super silenced: No

ATS Switch device : Optional

Voltage regulator: AVR