



## MOSA GE S-8000 BBT ELECTRIC STARTER, AVR

Reference: CK7Q9011

### 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: < 4 %  
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.

## Technical Sheet

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	Elettrico
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 al 75% del carico
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 ATS
Voltage regulator	AVR