



## MOSA GE 8000 BBT

Reference: CK2Q5000

### MOSA GE8000 BBT 6,4 KW

MOSA GE8000 BBT is a three-phase generating set with a gasoline-powered engine capable of delivering a power of 6.4 kW. The MOSA GE8000 BBT generator set is equipped with a manual recoil starter. The alternator of the MOSA GE8000 BBT generating set is synchronous, three-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 79 kg as well as its practical tubular handles. The MOSA GE8000 BBT 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 400V 16A 3P+N +T CEE / 1x 230V 16A 2P+T CEE
- Voltmeter
- Thermomagnetic circuit breaker
- Earth terminal (PE)

#### Technical specifications MOSA GE8000 BBT:

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

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

Single-phase output PRP: 4 kVA / 230V / 17.3A

Frequency: 50 Hz

Cos φ: 0.8

#### 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 / 420 cm<sup>3</sup> (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: 7 kVA

Standby power: 7.7 kVA  
Single-phase voltage: 400 Vac  
Frequency: 50 Hz  
Cos  $\phi$ : 0.8  
Voltage regulation accuracy:  $\pm 4\%$   
Sustained short-circuit current: 3 In  
Transient Cdt (100 % of load):  $< 15\%$   
Efficiency at 100 % of load: 80.5 % (400V - Cos  $\phi$  1)  
Isolation: Class H  
Connection - Terminals: Series - No. 6  
Electromagnetic Compatibility (Radio Interference Suppression): EN55011  
Harmonic Distortion - THD:  $< 4\%$   
Direct Synchronous - Xd 270 %  
Direct Transitory - X'd 20 %  
Direct Subtransitory - X "d 6.5 %  
Synchronous in quad. - Xq 150 %  
Transitory - T'd 33 ms  
Subtransitory - T "d 5.5 ms  
Unloaded - T'do 450ms  
Short-circuit ratio Kcc 0.60  
Protection class: IP 23  
Cooling air flow: 0.062/ m<sup>3</sup>/sec  
Coupling - Bearings: Direct J609b - N°1

#### GOVERNMENTAL SPECIFICATIONS

Tank capacity: 6.6 l.  
Range time (75% of PRP): 2.5 h  
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: 79 Kg

MOSA GE8000 BBT portable generator set - Briggs&Stratton gasoline engine rewind start - Three-phase alternator - Three-phase power 7 kVA (5.6 kW)

#### Features:

- Recoil start
- Motor complete with tank and muffler
- Engine stop for low oil level
- Alternator with Compound
- Circuit breaker
- LED voltmeter
- Fully protective open stretcher
- Portable
- Complies with CE safety directives

If you are looking for another product like the MOSA GE8000 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)	3.2
Continuous power single phase (KVA)	4
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
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 <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