



## GENSET MG 8000 I-BE GENERATOR 7 KVA SINGLE PHASE STAGE V

Reference: MG 8000 I-BE

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GENSET MG 8000 I-BE generator is equipped with a gasoline-powered Briggs & Stratton XR2100 StageV engine capable of delivering 7 KVA power with capacitor voltage regulator (AVR optional).

The GENSET MG 8000 I-BE single-phase generator provides reliable power for home, business and leisure environments. Safely powering home appliances and other electronic devices. Outdoor party power solution.

GENSET MG 8000 I-BE has a completely steel structure and a large metal tank with filling indicator. The generator guarantees efficient and silent operation thanks to the Honda OHV engine which allows to deliver a maximum power of 7 KVA.

The entire GENSET MG 8000 I-H range has successfully passed different tests for each component of which the groups are composed and the same final product to give the best possible reliability to the user.

The strengths of the 7 KVA single-phase generator are: the high quality of the components, lightness, compactness, portability and ease of use and also the modern design. The 7 KVA single-phase generator is equipped with a manual rope start.

### STAGEV EMISSIONS REGULATION

GENSET MG 8000 I-BE is equipped with a "mobile" STAGEV motorization, as required by the European Regulation 2016/1628. These new engines make it possible to exponentially reduce the emissions of particulate matter and nitrogen oxides delivered by the generator into the environment, and ensure a reduction in the environmental impact of 200% compared to standard engines.

### OPTIONAL AVR

The purpose of the AVR in a power source is to keep the output stable. And if its operation is very simple when resistive loads are supplied, the situation is more complex in the case of mainly inductive loads: the delayed phase-shifted current contrasts the inductor magnetic field, causing a voltage drop at the alternator output terminals. ; to compensate for the phenomenon, the AVR intervenes automatically by increasing the excitation current, until the output returns to the nominal value. If the load is instead capacitive, the current acts as a magnetizer for the inductor causing an increase in the output voltage, and the AVR intervenes by reducing the excitation current

### TECHNICAL FEATURES GENSET MG 8000 I-BE

Type of phase: Single-phase  
Maximum single-phase power: 7 KVA  
Maximum single-phase power: 5.6 KW  
VAC voltage: 230 V  
Frequency (Hz): 50

Ignition panel: Manual with wrap-around car  
Engine: Briggs & Stratton XR2100  
Emissions regulations: Stage V  
Revolutions per minute RPM: 3000  
Fuel system: Petrol  
voltage: Capacitor (AVR optional)  
Socket panel: 2 x 230V 16A CEE  
Tank capacity: 6.6 l  
Consumption @ 75% of the load: 3.6 l / h  
Autonomy @ 75 % load: 1.84 h  
Sound pressure: 73 dB (A) @ 7m  
Length: 770 mm  
Width: 480 mm  
Height: 625 mm  
Net weight : 84 Kg

Are you looking for a generator with different characteristics? [HERE](#) you can find the full range of GENSET generators or other specialized brands

Non-binding images and technical data.

## Technical Sheet

Phase	Single phase
Maximum power single phase (KW)	5.6
Maximum power single phase (KVA)	7
Fuel	Gasoline
Frequency (Hz)	50
Voltage (V)	230
Sockets configuration	2 x 230V 16A CEE
Engine	Briggs & Stratton XR2100
Emissions Regulations	Stage 5
Engine rpm (rpm)	3000
Ignition	Recoil
Starting system	Manual recoil
Engine capacity (cm <sup>3</sup> )	420
Number cylinders	1
Cooling	Air
Alternator	Synchronous
Protection degree	IP23
Motor insulation class	H
Fuel tank capacity (L)	6.6

Consumption (L/h)	3.6 l/h at 75% load
Running time (h)	1.84 at 75% load
Acoustic power	98 dB(A)
Acoustic pressure	73 dB(A) at 7 m
Length (mm)	770
Width (mm)	480
Height (mm)	625
Dry weight (Kg)	84
Silenced	No
Super silenced	No
Product type	Generator
ATS Switch device	No ATS
Voltage regulator	Capacitor / AVR (optional)
Engine manufacturer	Briggs&Stratton