



# GENSET MG 5000 I-BE GENERATOR 5 KVA SINGLE PHASE STAGE V

Product price:

**897,00 € tax excluded**

## Product description:

### GENSET MG 5000 I-BE GENERATOR 5 KVA SINGLE PHASE STAGEV

The GENSET MG 5000 I-BE single-phase generator is equipped with a Briggs & Stratton XR1450 StageV petrol engine capable of delivering a power of 5 KVA with **capacitor voltage regulator (AVR Optional)** .

The GENSET MG 5000 I-BE single-phase generator provides reliable power for home, business and leisure environments Safely powering home appliances and other electronic devices Outdoor party.

The GENSET MG 5000 is easy to install and operate, just as simple are starting and stopping thanks to the clear and intuitive controls (recoil start).

## 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

## STAGEV EMISSIONS REGULATION

GENSET MG 5000 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.

#### TECHNICAL FEATURES GENSET MG 5000 I-BE

Type of phase: Single-phase  
Maximum power: 5 KVA / 4 KW  
Continuous power: 4.5 KVA / 3.6 KW  
VAC voltage: 230 V  
Frequency (Hz): 50  
Starting panel: Manual with wrap-around car  
Engine: Briggs & Stratton XR1450  
Emissions regulations: StageV  
Revolutions per minute RPM: 3000  
Fuel: Petrol  
Tank capacity: 5.3 l  
Voltage regulator: Condenser (AVR OPTIONAL)  
Consumption @ 75% load: 2.5 l / h  
Autonomy @ 75% load: 2.1 h  
Sound pressure: 73 dB (A) @ 7m  
Length: 770 mm  
Width: 480 mm  
Height: 625 mm  
Net weight: 62 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.

#### Product features:

Phase: Single phase  
Maximum power single phase (KW): 4  
Continuous power single phase (KW): 3.6  
Maximum power single phase (KVA): 5  
Continuous power single phase (KVA): 4.2  
Fuel: Gasoline  
Frequency (Hz): 50  
Voltage (V): 230  
Sockets configuration: 2 Schuko  
Engine: Briggs & Stratton XR1450  
Emissions Regulations: Stage 5





Engine rpm (rpm): 3000  
Ignition: Recoil  
Starting system: Manual  
Engine capacity (cm³): 306  
Number cylinders: 1  
Cooling: Air  
Protection degree: IP23  
Motor insulation class: H  
Fuel tank capacity (L): 5.3  
Consumption (L/h): 2.5 at 75% load  
Running time (h): 2.1 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): 62  
Silenced: No  
Super silenced: No  
Product type: Generator  
ATS Switch device : No  
Voltage regulator: Capacitor / AVR (optional)  
Engine manufacturer: Briggs&Stratton