



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

Reference: MG 5000 I-BE - C

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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.

Technical Sheet

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 (cm ³)	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 ATS
Voltage regulator	Capacitor / AVR (optional)
Engine manufacturer	Briggs&Stratton