



# GENSET MG 5000 I-D/AE-Y GENERATOR 4,3KVA SINGLE PHASE STAGEV

**Product price:**

**2.462,00 € tax excluded**

## Product description:

### GENSET MG 5000 I-D/AE-Y GENERATOR 4.3KVA SINGLE PHASE STAGEV

The GENSET MG 5000 I-D/AE-Y is a single-phase generator equipped with Yanmar L70V Diesel STAGEV engine, is capable of delivering a maximum power of 4.3KVA, complete with capacitor regulator (AVR optional).

The GENSET MG 5000 I-D/AE-Y also has low fuel consumption: only 1 Lt/h at 75% load. The generator set, thanks to the high quality and efficiency of its components, is ideal for various types of work: from small hobby work to large construction sites.

The generator is easy to install and operate, as simple are startup and shutdown thanks to the clear and intuitive controls. GENSET MG 5000 I-D/AE-Y mounts a Yanmar L70N StageV diesel engine. GENSET MG 5000 I-D/AE-Y are equipped with a 3.5-liter fuel tank with a large cap that is convenient to unscrew even with work gloves

GENSET MG 5000 I-D/AE-Y has an all-steel construction and a large metal tank. The generator provides efficient and quiet operation thanks to the Yanmar L70N, which enables it to deliver a maximum power output of 4.3 KVA.

## AVR VOLTAGE REGULATOR (Optional)

The operation of the AVR is very simple when resistive loads are supplied; more complex is the issue in the case of predominantly inductive loads: the delayed phase-shifted current counteracts the inductor magnetic field, causing a voltage drop at the alternator output terminals; to compensate for this phenomenon, the AVR automatically intervenes by increasing the excitation current until the output returns to its nominal value. On the other hand, if the load is capacitive, the current magnetizes the inductor, causing the output to increase, and the AVR intervenes by reducing the excitation current.



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## EMISSION REGULATIONS STAGEV

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

## ATS AUTOMATIC SWITCHBOARD ARRANGEMENT

The genset is prepared for the use of ATS automatic start-up panel. Thanks to which you will no longer have to worry about blackouts because if the power grid goes out, this panel can automatically start the generator and allow you to continue your activity without losing your work data.

The generator set comes with:

- 2 single-phase CEE 16 A - 230 V socket.
- Battery
- Hour meter
- Voltmeter
- Low oil pressure and battery failure warning lights
- Power output protections
- Lifesaving differential circuit breaker
- Provision for operation in AMF-ATS or remote control

## TECHNICAL CHARACTERISTICS GENSET MG 5000 I-D/AE-Y

Phase Type : Single Phase  
Maximum Power : 4.3 KVA / 3.44 KW  
Voltage VAC: 230 v  
Frequency (Hz): 50  
Starting panel: Electric  
Motor: Yanmar L70V  
Emission standard: StageV  
RPM RPM: 3000  
Power supply: Diesel  
Voltage regulator: Condenser (AVR Optional)  
Tank capacity: 3.5 l  
Consumption @ 75 %: 1 l/h  
Autonomy @ 75 %: 3.5 h  
Acoustic pressure: 99 dB(A)  
Length: 725 mm  
Width: 515 mm  
Height: 585 mm

Net weight: 87 kg

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The images and technical data are not binding and may be subject to revisions by the supplier.

**Product features:**

Phase: Single phase

Maximum power single phase (KW): 3.4

Maximum power single phase (KVA): 4.3

Fuel: Diesel

Frequency (Hz): 50

Voltage (V): 230

Sockets configuration: 2 x 230V 16A 2P+T CEE

Engine: Yanmar L70

Emissions Regulations: Stage 5

Engine rpm (rpm): 3000

Starting system: Electric

Engine capacity (cm<sup>3</sup>): 320

Number cylinders: 1

Cooling: Air

Alternator: Synchronous

Protection degree: IP23

Motor insulation class: H

Fuel tank capacity (L): 3.5

Consumption (L/h): 1 at 75% of the load

Running time (h): 3.5 at 75% load

Length (mm): 725

Width (mm): 515

Height (mm): 585

Dry weight (Kg): 87

Silenced: No

Super silenced: No

Product type: Generator

ATS Switch device : Optional

Voltage regulator: Capacitor / AVR (optional)

Engine manufacturer: Yanmar