



# GENMAC Living RG12000KS-M5 GENERATOR 13,4KVA

**Product price:**

**6.894,00 € tax excluded**

## **Product description:**

GENMAC LIVING RG12000KS-M5 SINGLE-PHASE GENERATOR 13,4KVA

The GENMAC Living RG12000KS-M5 single-phase generator features a diesel-powered Kohler stage V engine capable of delivering 13,4KVA with AVR regulator.

The GENMAC Living RG12000KS-M features a liquid-cooled, three-cylinder, horizontal-shaft engine, aluminum head and multiple points ensure maximum performance.

GENMAC Living RG12000KS-M are highly reliable machines, built with quality components for use in the professional field, where reliability is paramount.

The Stage V engine also allows the generator set to be used for mobile use, such as for road construction sites and rental services. The GENMAC Living RG12000KS-M5 is suitable for applications in different contexts such as: hospitals, industries, shopping malls, hotels, airports, banks, universities, stadiums, offices, etc.

The diesel engine maintains the standard engineering performance you've come to expect from Kohler. An advanced fuel injection system uses fuel more efficiently, while high-efficiency combustion significantly reduces emissions.

The GENMAC features a soundproof cabin that allows noise propagation of no more than 68 dB (A) at 7 m, this feature makes it suersilenced.

## **Voltage Regulator AVR**

The Voltage regulator is indispensable to make the generator work at its best, in fact it needs an electronic control system, an AVR, which guarantees the good working of the machine and of the electric network underneath it.



The purpose of the AVR, in a current generator, is to maintain a stable output. And if its operation is very simple when resistive loads are fed, more complex is the matter in case of mainly inductive loads: the delayed current opposes the inductor magnetic field, causing a voltage drop at the alternator output terminals; to compensate the phenomenon, the AVR intervenes automatically increasing the excitation current, until the output returns to the nominal value. If the load is capacitive, the current magnetizes the inductor causing an increase in the output voltage, and the AVR intervenes by reducing the excitation current

#### TECHNICAL FEATURES GENMAC Living RG12000KS-M5 13,4KVA

Phase Type: Single Phase

Continuous Power: 12.2KVA / 11.0KW

Maximum Power: 13.4KVA / 12.1KW

Motor: Kohler KDW1003

Emission Standard: Stage V

Start: Electric

Power supply: Diesel

Socket panel: 1 x Schuko 16A 230V - 1 x 32A 230V - 1 x 63A 230V

Voltage: 230V

Frequency: 50 Hz

Motor speed: 3000 rpm

Tank capacity: 76 l

Autonomy @ 75%: 21 h fixed rpm

Voltage regulator : AVR

Acoustic pressure @7m: 68 dBa

Length (mm): 1056

Width (mm): 590

Height (mm): 1442

Dry weight (Kg): 385

If you are looking for another product then you can see on our catalog other generators.

Images and technical data not binding.

#### **Product features:**

Phase: Single phase

Maximum power single phase (KW): 12.1

Continuous power single phase (KW): 11

Maximum power single phase (KVA): 13.4

Continuous power single phase (KVA): 12.2

Fuel: Diesel

Frequency (Hz): 50

Voltage (V): 230

Sockets configuration: 1 x 230V 63A 2P+T CEE - 1 x 230V 32A 2P+T CEE - 1 x 230V 16A 2P+T CEE

Engine: Kohler KDW1003

Emissions Regulations: Stage 5

Engine rpm (rpm): 3000

Starting system: Electric

Cooling: Water

Poles: 2

Fuel tank capacity (L): 76

Running time (h): 21

Acoustic pressure: 68 dB(A) at 7 m

Length (mm): 1056

Width (mm): 590

Height (mm): 1442

Dry weight (Kg): 385

Silenced: Yes

Super silenced: Yes

ATS Switch device : Optional

Voltage regulator: AVR

Engine manufacturer: Kohler