



# GENMAC Urban-Rent RG12000KS-M5 GENERATOR 13,4KVA

**Product price:**

**6.602,00 € tax excluded**

## **Product description:**

GENMAC Urban-Rent RG12000KS-M5 SINGLE-PHASE GENERATOR 13,4KVA

The generator GENMAC Urban-Rent RG12000KS-M5 single-phase is equipped with a Kohler diesel-powered engine capable of delivering a power of 13,4KVA with AVR voltage regulator.

The high quality professional silenced diesel generator of the construction series, Genmac Urban-Rent with power of 13,4KVA, produced by Italian company Genmac. The generator is equipped with an oversized engine with water cooling and a practical electric starter.

For this line of generators is possible the supply of a differential protection circuit, in addition is possible the supply of trolleys for the handling of the unit.

The Genmac Urban-Rent silenced generator specific for mobile and rental applications. Easy to use and move. It mounts the latest generation engine with low emission level, for an energy that respects the environment.

Genmac 13,4KVA generators are highly reliable machines, built with quality components to be used in professional field, where reliability is fundamental.

Genmac generators are supplied with AVR card, tank with collection tank and central lifting hook as standard on all models.

## **Control Panel**

The control panel is composed as follows:

No. 1 CEE 63A 230V

No. 1 CEE 32A 230V

No. 2 CEE 16A 230V





No. 1 Schuko 16A 230V

Thermal circuit breaker

Circuit breaker

- Generator power monitoring (kW, kV Ar, kV A & pf)

- Fuel level meter

- Overload protection (kW & kV Ar)

- Low oil pressure protection

- High coolant temperature protection

- Low fuel level protection

- Charger alternator failure

- RPM protection

- Oil pressure and engine temperature readout

Analogue fuel level gauge

Emergency stop button

Quick connector for remote start/ATS

On/off switch

### AVR Voltage Regulator

The AVR is essential to make the generator work at its best, in fact it all needs an electronic control system, an AVR in fact, which ensures the proper functioning of the machine and the electrical network behind it.

The purpose of the AVR, in a current generator, is to keep the output stable. 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 phase shift current counteracts the inductor magnetic field, causing a voltage drop at the alternator terminals; to compensate for this phenomenon, the AVR intervenes automatically by increasing the excitation current, until the returns to the nominal value. If the load is capacitive, the current acts as a magnetizer for the inductor causing an increase in voltage exit, and the AVR intervenes by reducing the excitation current.

### TECHNICAL CHARACTERISTICS OF GENERATOR GENMAC Urban RG12000KS-M5 13,4KVA

Phase Type: Single-phase

Continuous Power: 12.2KVA / 11.0KW

Maximum Power: 13.4/ 12.1KW

Engine: Kohler KDW1003

Emissions Standard: Stage V

Starting: Electric

Power supply: Diesel

Socket panel: 1 x Schuko 16A 230V - 2 x 16A 230V - 1 x 32A 230V - 1 x 63A 230V

Voltage: 230 V

Frequency: 50 Hz

Motor RPM: 3000 rpm

Tank capacity: 50 l





Autonomy @ 75%: 14 h fixed rpm  
Voltage regulator: AVR  
Sound pressure @7m: 67 dBa  
Length (mm): 1475  
Width (mm): 710  
Height (mm): 1060  
Dry weight (Kg): 413

If you are looking for another product then you can consult other terrestrial generators in our catalog.

Images and technical data are 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 Schuko 16A 230V - 2 x 16A 230V - 1 x 32A 230V - 1 x 63A 230V  
Engine: Kohler KDW1003  
Emissions Regulations: Stage 5  
Engine rpm (rpm): 3000  
Starting system: Electric  
Cooling: Water  
Poles: 2  
Fuel tank capacity (L): 50  
Running time (h): 14  
Acoustic pressure: 67 dB(A) at 7 m  
Length (mm): 1475  
Width (mm): 710  
Height (mm): 1060  
Dry weight (Kg): 413  
Silenced: Yes  
Super silenced: Yes  
ATS Switch device : Optional  
Voltage regulator: AVR  
Engine manufacturer: Kohler

