



## **GENMAC Urban-Rent GENERATOR 13,4KVA**

Reference: Urban-Rent RG12000KS-M5

### **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.

## Technical Sheet

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	Elettrico
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 ATS
Voltage regulator	AVR
Engine manufacturer	Kohler