

# GENMAC Urban RG7KS-M5 GENERATOR 7,2KVA



**Product price:**

**6.788,00 € tax excluded**

## **Product description:**

### **GENMAC URBAN RG7KS-M5 SINGLE-PHASE GENERATOR 7,2KVA**

The generator GENMAC Urban RG7KS-M5 single-phase is equipped with a Kohler KDW1003 Stage V diesel-powered engine capable of delivering a power of 7,2KVA with AVR voltage regulator.

The high quality professional silenced diesel generator of the construction series, Genmac Urban with power of 7,2KVA, 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 Stage V engine allows the use of the generator set also for mobile use, for example for road construction sites and rental services. The generator is suitable for applications in different contexts such as: hospitals, industries, shopping centers, hotels, airports, banks, universities, stadiums, offices, etc..

Genmac 7,2KVA generators are highly reliable machines, built with quality components to be used in professional field, where reliability is fundamental.

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

## **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 it 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 RG7KS-M5 7,2KVA

Phase Type: Single Phase

Continuous Power: 6.9KVA / 6.2KW

Maximum Power: 7.2KVA / 6.5KW

Motor: Kohler KDW1003

Emissions Standard: Stage V

Starting: Electric

Power Supply: Diesel

Receptacle Panel: 1 x Schuko 16A 230V - 2 x 16A 230V - 2 x 32A 230V

Voltage: 230 V

Frequency: 50 Hz

Motor RPM: 1500 rpm

Tank Capacity: 50 l

Autonomy @ 75%: 26 h fixed revolutions

Voltage regulator : AVR

Sound pressure @7m: 63 dBa

Length (mm): 1475

Width (mm): 710

Height (mm): 1060

Dry weight (Kg): 424

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): 6.5

Continuous power single phase (KW): 6.2

Maximum power single phase (KVA): 7.2

Continuous power single phase (KVA): 6.9

Fuel: Diesel





Frequency (Hz): 50  
Voltage (V): 230  
Sockets configuration: 1 x Schuko 16A 230V - 2 x 16A 230V - 2 x 32A 230V  
Engine: Kohler KDW1003  
Emissions Regulations: Stage 5  
Engine rpm (rpm): 1500  
Starting system: Electric  
Cooling: Water  
Poles: 2  
Fuel tank capacity (L): 50  
Running time (h): 25  
Acoustic pressure: 63 dB(A) at 7 m  
Length (mm): 1475  
Width (mm): 710  
Height (mm): 1060  
Dry weight (Kg): 424  
Silenced: Yes  
Super silenced: Yes  
ATS Switch device : Optional  
Voltage regulator: AVR  
Engine manufacturer: Kohler

