



# GENMAC Urban G9KS-M5 GENERATOR 8,1KVA

Product price:

**6,708.00 € tax excluded**

## Product description:

### GENMAC URBAN G9KS-M5 THREE-PHASE GENERATOR 8,1KVA

The generator GENMAC Urban G9KS-M5 three-phase is equipped with a Kohler diesel-powered engine capable of delivering a power of 8,1KVA with AVR voltage regulator.

The high quality professional silenced diesel generator of the construction series, Genmac Urban with power of 8,1KVA, produced by Italian company Genmac. The generator is equipped with an oversized engine with water cooling and a practical electric starter.

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..

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

Genmac 8,1KVA generators are highly reliable machines, built with quality components to be used in the 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 G9KS-M5 8,1KVA

Phase Type: SinglePhase/ThreePhase

SinglePhase Continuous Power: 2.6KVA / 2.0KW

SinglePhase Maximum Power: 2.7KVA / 2.1KW

ThreePhase Continuous Power: 7.8KVA / 6.2KW

ThreePhase Maximum Power: 8.1KVA / 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 - 1 x 16A 400V - 1 x 32A 400V

Voltage: 230 / 400 V

Frequency: 50 Hz

Motor RPM: 1500 rpm

Tank Capacity: 50 l

Autonomy @ 75%: 25 h fixed revolutions

Voltage regulator: AVR

Sound pressure @7m: 63 dBa

Length (mm): 1475

Width (mm): 710

Height (mm): 1060

Dry weight (Kg): 376

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 / Three phase

Maximum power single phase (KW): 2.1

Continuous power single phase (KW): 2

Maximum power single phase (KVA): 2.7

Continuous power single phase (KVA): 2.6

Maximum power three phase (KW): 6.5



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Continuous power three phase (KW): 6.2  
Maximum power three phase (KVA): 8.1  
Continuous power three phase (KVA): 7.8  
Fuel: Diesel  
Frequency (Hz): 50  
Voltage (V): 230 / 400  
Sockets configuration: 1 x Schuko 16A 230V - 2 x 16A 230V - 1 x 16A 400V - 1 x 32A 400V  
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): 376  
Silenced: Yes  
Super silenced: Yes  
ATS Switch device : Optional  
Voltage regulator: AVR  
Engine manufacturer: Kohler