

## GENMAC Urban G9KS-M5 GENERATOR 8,1KVA

Reference: Urban G9KS-M5



### 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 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 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.

## Technical Sheet

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
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	
Engine	KOHLER KDW1003
Emissions Regulations	Stage 5
Engine rpm (rpm)	1500
Starting system	Elettrico
Cooling	Water
Poles	2
Fuel tank capacity (L)	50

Running time (h)	25
Acoustic pressure	63 dB(A) a 7 m
Length (mm)	1475
Width (mm)	710
Height (mm)	1060
Dry weight (Kg)	376
Silenced	Yes
Super silenced	Yes
ATS Switch device	Optional ATS
Voltage regulator	AVR
Engine manufacturer	Kohler