



## GENMAC Urban-Rent G15000KS-M5 GENERATOR 15,0KVA

Reference: Urban-Rent G15000KS-M5

### GENMAC Urban-Rent G15000KS-M5 THREE-PHASE GENERATOR 15,0KVA

The generator GENMAC Urban-Rent G15000KS-M5 three-phase is equipped with a Kohler diesel-powered engine capable of delivering a power of 15,0KVA **with AVR** voltage regulator.

The high quality professional silenced diesel generator of the construction series, Genmac Urban-Rent with power of 15,0KVA, 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 emissions, for energy that respects the environment.

Genmac 15,0KVA 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 32A 400V
- No. 1 CEE 16A 400V
- No. 2 CEE 16A 230V
- No. 1 Schuko 16A 230V
- Thermal switch
- Magnetothermal switch
- DSE4510 control panel
  - Generator power reading (kW, kV Ar, kV A & pf)
  - Overload Protection (kW & kV Ar)
  - Low Oil Pressure Protection
  - High Coolant Temperature Protection
  - Low Fuel Level Protection
  - Alternator Battery Charging Failure
  - Overspeed Protections
  - Oil Pressure and Engine Temperature Readout
- Fuel Level Analog Instrument
- Emergency Stop Button

Remote Start/Auto Panel Connector  
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-Rent G15000KS-M5 15,0KVA

Phase Type: SinglePhase / ThreePhase  
SinglePhase Continuous Power: 4.5KVA / 3.6KW  
SinglePhase Maximum Power: 5.0KVA / 4.0KW  
ThreePhase Continuous Power: 13.5KVA / 10.8KW  
ThreePhase Maximum Power: 15.0KVA / 11.9KW  
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: 3000 rpm  
Tank Capacity: 50 l  
Autonomy @ 75%: 14 h fixed revolutions  
Voltage regulator: AVR  
Sound pressure @7m: 67 dBa  
Length (mm): 1475  
Width (mm): 710  
Height (mm): 1060  
Dry weight (Kg): 417

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)	4
Continuous power single phase (KW)	3.6
Maximum power single phase (KVA)	5
Continuous power single phase (KVA)	4.5
Maximum power three phase (KW)	11.9
Continuous power three phase (KW)	10.8
Maximum power three phase (KVA)	15,0

Continuous power three phase (KVA)	13.5
Fuel	Diesel
Frequency (Hz)	50
Voltage (V)	230 / 400
Sockets configuration	
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)	417
Silenced	Yes
Super silenced	Yes
ATS Switch device	Optional ATS
Voltage regulator	AVR
Engine manufacturer	Kohler