



# GENMAC Urban RG12000YS GENERATOR 13,4KVA

**Product price:**

**6.607,00 € tax excluded**

## **Product description:**

GENMAC URBAN RG12000YS SINGLE-PHASE GENERATOR 13,4KVA

The generator GENMAC Urban RG12000YS single-phase is equipped with a Yanmar diesel-powered engine capable of delivering a power of 13,4KVA with AVR voltage regulator.

High quality professional silenced diesel generator of the construction series, Genmac Urban 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. Genmac 13,4KVA current generators are used in carpentry, construction, greenhouses, road construction sites, mobile stations, homes, etc..

Genmac Urban power generators are highly reliable machines, built with quality components to be used in the professional field, where reliability is fundamental.

Gen Genmac 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 RG12000YS 13,4KVA

Phase Type: Single-phase

Continuous Power: 12.2KVA / 11.0KW

Maximum Power: 13.4KVA / 12.1KW

Engine: Yanmar 3TNV76-HMF

Emission Regulation: Non-emissioned

Starting: Electric

Power supply: Diesel

Panel sockets: 1 x Schuko 16A 230V - 2 x 16A 230V - 1 x 32A 230V - 1 x 63A 230V

Voltage: 230 V

Frequency: 50 Hz

Engine RPM: 3000 rpm

Tank capacity: 50 l

Autonomy @ 75%: 12 h fixed revolutions

Voltage regulator : AVR

Sound pressure @7m: 68 dBa

Length (mm): 1475

Width (mm): 710

Height (mm): 1060

Dry weight (Kg): 438

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): 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

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Engine: Yanmar 3TNV76  
Engine rpm (rpm): 3000  
Starting system: Electric  
Cooling: Water  
Poles: 2  
Fuel tank capacity (L): 50  
Running time (h): 12  
Acoustic pressure: 68 dB(A) at 7 m  
Length (mm): 1475  
Width (mm): 710  
Height (mm): 1060  
Dry weight (Kg): 438  
Silenced: Yes  
Super silenced: Yes  
ATS Switch device : Optional  
Voltage regulator: AVR  
Engine manufacturer: Yanmar