

## GENMAC Urban RG7YS GENERATOR 8,4KVA

Reference: Urban RG7YS



### GENMAC URBAN RG7YS SINGLE-PHASE GENERATOR 8,4KVA

The generator GENMAC Urban RG7YS single-phase is equipped with a Yanmar diesel-powered engine capable of delivering a power of 8,4KVA with AVR voltage regulator.

High quality professional silenced diesel generator of the construction series, Genmac Urban with power of 8,4KVA, 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 8,4KVA 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 RG7YS 8,4KVA

Phase Type: Single-phase  
Continuous Power: 7.6KVA / 6.9KW  
Maximum Power: 8.4KVA / 7.5KW  
Engine: Yanmar 3TNV76-GECS  
Emission Regulation: Non-Emitting  
Starting: Electric  
Power Supply: Diesel  
Panel Sockets: 1 x Schuko 16A 230V - 2 x 16A 230V - 2 x 32A 230V  
Voltage: 230 V

Frequency: 50 Hz  
 Engine RPM: 1500 rpm  
 Tank Capacity: 50 l  
 Autonomy @ 75%: 26 h fixed rpm  
 Voltage regulator : AVR  
 Sound pressure @7m: 63 dBa  
 Length (mm): 1475  
 Width (mm): 710  
 Height (mm): 1060  
 Dry weight (Kg): 400

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
Maximum power single phase (KW)	7.5
Continuous power single phase (KW)	6.9
Maximum power single phase (KVA)	8.4
Continuous power single phase (KVA)	7.6
Fuel	Diesel
Frequency (Hz)	50
Voltage (V)	230
Sockets configuration	1 x Schuko 16A 230V - 2 x 16A 230V - 2 x 32A 230V
Engine	
Engine rpm (rpm)	1500
Starting system	Elettrico
Cooling	Water
Poles	2
Fuel tank capacity (L)	50
Running time (h)	26
Acoustic pressure	63 dB(A) a 7 m
Length (mm)	1475
Width (mm)	710
Height (mm)	1060
Dry weight (Kg)	400
Silenced	Yes
Super silenced	Yes
ATS Switch device	Optional ATS

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Voltage regulator

AVR

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Engine manufacturer

Yanmar

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