

## GENMAC Urban G13500YS GENERATOR 13,3KVA

Reference: Urban G13500YS



### GENMAC URBAN G13500YS SINGLE-PHASE THREE-PHASE GENERATOR 13,3KVA

The generator GENMAC Urban G13500YS Single / Three-phase is equipped with a Yanmar diesel-powered engine capable of delivering a power of 13,3KVA with AVR voltage regulator.

High quality professional silenced diesel generator of the construction series, Genmac Urban with power of 13,3KVA, 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 13,3KVA 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 G13500YS 13,3KVA

Phase Type: Singlephase / Threephase  
Singlephase Continuous Power: 4.0KVA / 3.2KW  
Singlephase Maximum Power: 4.4KVA / 3.5KW  
Threephase Continuous Power: 12.1KVA / 9.7KW  
Threephase Maximum Power: 13.3KVA / 10.6KW  
Motor: Yanmar 3TNV70-HMF  
Emission Regulation: Non-Emitting  
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%: 15 h fixed revolutions  
Voltage regulator : AVR  
Sound pressure @7m: 68 dBa  
Length (mm): 1475  
Width (mm): 710  
Height (mm): 1060  
Dry weight (Kg): 426

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)	3.5
Continuous power single phase (KW)	3.2
Maximum power single phase (KVA)	
Continuous power single phase (KVA)	4
Maximum power three phase (KW)	10.6
Continuous power three phase (KW)	9.7
Maximum power three phase (KVA)	13.3
Continuous power three phase (KVA)	12.1
Fuel	Diesel
Frequency (Hz)	50
Voltage (V)	230 / 400
Sockets configuration	
Engine	Yanmar 3TNV70, 4 stroke
Engine rpm (rpm)	3000
Starting system	Elettrico
Cooling	Water
Poles	2
Fuel tank capacity (L)	50
Running time (h)	
Acoustic pressure	68 dB(A) at 7 m
Length (mm)	1475

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Width (mm)	710
Height (mm)	1060
Dry weight (Kg)	426
Silenced	Yes
Super silenced	Yes
ATS Switch device	Optional ATS
Voltage regulator	AVR
Engine manufacturer	Yanmar