

# GENMAC Urban G10PS GENERATOR 9,9KVA



## Product description:

### GENMAC URBAN G10PS THREE-PHASE GENERATOR 9,9KVA

The generator GENMAC Urban G10PS three-phase is equipped with a Perkins diesel-powered engine capable of delivering a power of 9,9KVA with AVR voltage regulator.

High quality professional silenced diesel generator of the construction series, Genmac Urban with power of 9,9KVA, 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 9,9KVA 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 it 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 G10PS 9,9KVA

Voltage regulator : AVR

Power supply: Diesel

Starting: Electric

Three-phase

Maximum Output: 7,2KW

Maximum output: 9,0KVA

Maximum Output: 7,9KW

Maximum Output: 9,9KVA

Voltage: 400V

Frequency: 50 Hz

1500 revolutions per minute

Tank capacity: 50 l

Autonomy @ 75%: 25 h fixed revolutions

Sound pressure @7m: 67 dBa

Length (mm): 1457

Width (mm): 710

Height (mm): 1060

Dry weight (Kg): 415

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: Three phase

Maximum power three phase (KW): 7.9

Continuous power three phase (KW): 7.2

Maximum power three phase (KVA): 9.9

Continuous power three phase (KVA): 9.0

Fuel: Diesel

Frequency (Hz): 50

Voltage (V): 400

Engine: Perkins 403A-11G1

Engine rpm (rpm): 1500

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Starting system: Electric  
Cooling: Water  
Poles: 2  
Fuel tank capacity (L): 50  
Running time (h): 25  
Acoustic pressure: 67 dB(A)  
Length (mm): 1475  
Width (mm): 710  
Height (mm): 1060  
Dry weight (Kg): 415  
Silenced: Yes  
Super silenced: No  
Voltage regulator: AVR  
Engine manufacturer: Perkins