



# GENMAC Urban G11600KS-M5 GENERATOR 11,8KVA

## Product description:

GENMAC URBAN G11600KS-M5 SINGLE-PHASE / THREE-PHASE GENERATOR 11,8KVA

The generator GENMAC Urban G11600KS-M5 Single-phase / Three-phase is equipped with a Kohler KDW702 Stage V diesel-powered engine capable of delivering a power of **11,8KVA with AVR** voltage regulator.

The high quality professional silenced diesel generator of the construction series, Genmac Urban with power of 11,8KVA, 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 Stage V engine allows the use of the generator set also for mobile use, for example for road construction sites and rental services. The generator is suitable for applications in different contexts such as: hospitals, industries, shopping centers, hotels, airports, banks, universities, stadiums, offices, etc..

Genmac 11,8KVA generators are highly reliable machines, built with quality components to be used in professional field, where reliability is fundamental.

Genmac Urban 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 G11600KS-M5 11,8KVA

Phase Type: SinglePhase/ThreePhase

SinglePhase Continuous Power: 3.5KVA / 2.8KW

SinglePhase Maximum Power: 4KVA / 3.2KW

ThreePhase Continuous Power: 10.6KVA / 8.5KW

ThreePhase Maximum Power: 11.8KVA / 9.4KW

Motor: Kohler KDW702

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%: 17 h fixed rpm

Voltage regulator : AVR

Sound pressure @7m: 68 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.

#### Product features:

Phase: Single phase / Three phase

Maximum power single phase (KW): 3.2

Continuous power single phase (KW): 2.8

Maximum power single phase (KVA): 4

Continuous power single phase (KVA): 3.5

Maximum power three phase (KW): 9.4

Continuous power three phase (KW): 8.5

Maximum power three phase (KVA): 11.8

Continuous power three phase (KVA): 10.6

Fuel: Diesel

Frequency (Hz): 50

Voltage (V): 230 / 400

Sockets configuration: 1 x Schuko 16A 230V - 2 x 16A 230V - 1 x 16A 400V - 1 x 32A 400V

Engine: Kohler KDW702

Emissions Regulations: Stage 5

Engine rpm (rpm): 3000

Starting system: Electric

Cooling: Water

Poles: 2

Fuel tank capacity (L): 50

Running time (h): 17

Acoustic pressure: 68 dB(A) at 7 m

Length (mm): 1475

Width (mm): 710

Height (mm): 1060

Dry weight (Kg): 400

Silenced: Yes

Super silenced: Yes

ATS Switch device : Optional

Voltage regulator: AVR

Engine manufacturer: Kohler