

# GENMAC Infinity-Rent G20YS-M5 GENERATOR 20,0KVA



**Product price:**

**8.588,00 € tax excluded**

## Product description:

GENMAC Infinity-Rent G20YS-M5 THREE-PHASE GENERATOR 20,0KVA

The generator GENMAC Infinity-Rent G20YS-M5 three-phase is equipped with a Yanmar diesel-powered engine capable of delivering a power of 20,0KVA with AVR voltage regulator.

The generator is equipped with an oversized Yanmar engine capable of delivering a continuous power of 18.0KVA and a maximum power of 20,0KVA. Thanks to the 50l tank the Genmac Infinity generator has an autonomy of up to 19 hours of work.

The Genmac generator silenced has been realized with a high performance frame to minimize the sound pressure. The frame is made with steel plates made according to UNI S235JR standards, complete with rubber anti-vibration supports.

The 20,0KVA generator is complete with 4 doors that allow easy access for ordinary or extraordinary maintenance. In order to make this Genmac generator as quiet as possible, 100% recyclable, fireproof, self-extinguishing, fireproof, washable, class 1 reaction to fire, mechanically fixed to the frame.

The silenced generator is specific for mobile and rental applications. Easy to use and move. It mounts the latest generation engine with low emission level, for an energy that respects the environment.

## Control panel

The control panel consists of:

No. 1 CEE 32A 400V

No. 1 CEE 16A 400V

No. 2 CEE 16A 230V



No. 1 Schuko 16A 230V

Thermal switch

Magnetothermal switch

DSE4510 control panel

- Generator power reading (kW, kV Ar, kV A & pf)

- Overload Protection (kW & kV Ar)

- Low Oil Pressure Protection

- High Coolant Temperature Protection

- Low Fuel Level Protection

- Alternator Battery Charging Failure

- Overspeed Protections

- Oil Pressure and Engine Temperature Readout

Fuel Level Analog Instrument

Emergency Stop Button

Remote Start/Auto Panel Connector

On/Off Switch

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 Infinity-Rent G20YS-M5  
20,0KVA

Phase Type: SinglePhase / ThreePhase

SinglePhase Continuous Power: 6.3KVA / 5.0KW

SinglePhase Maximum Power: 6.6KVA / 5.3KW

ThreePhase Continuous Power: 19.0KVA / 15.0KW

ThreePhase Maximum Power: 20.0KVA / 16.0KW

Motor: Yanmar 4TNV88-BIECS

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  
Engine RPM: 1500 rpm  
Tank capacity: 50 l  
Autonomy @ 75%: 14 h fixed revolutions  
Voltage regulator: AVR  
Sound pressure @7m: 65 dBa  
Length (mm): 1802  
Width (mm): 752  
Height (mm): 1130  
Dry weight (Kg): 646

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): 5.3  
Continuous power single phase (KW): 5  
Maximum power single phase (KVA): 6.6  
Continuous power single phase (KVA): 6.3  
Maximum power three phase (KW): 16.0  
Continuous power three phase (KW): 15.0  
Maximum power three phase (KVA): 20  
Continuous power three phase (KVA): 19  
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: Yanmar 4TNV88, 4 stroke  
Emissions Regulations: Stage 5  
Engine rpm (rpm): 1500  
Starting system: Electric  
Cooling: Water  
Poles: 2  
Fuel tank capacity (L): 50  
Running time (h): 14  
Acoustic pressure: 65 dB(A) at 7 m  
Length (mm): 1802  
Width (mm): 752  
Height (mm): 1130

Dry weight (Kg): 646

Silenced: Yes

Super silenced: Yes

ATS Switch device : Optional

Voltage regulator: AVR

Engine manufacturer: Yanmar