



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

Reference: Infinity-Rent G20YS-M5

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.

Technical Sheet

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 ATS
Voltage regulator	AVR
Engine manufacturer	Yanmar