



# GENMAC Stone-Rent G45IS-M GENERATOR 50,0KVA

## Product description:

### **GENMAC Stone-Rent G45IS-M THREE-PHASE GENERATOR 50,0KVA**

The generator GENMAC Stone-Rent G45IS-M three-phase is equipped with a Iveco diesel-powered engine capable of delivering a power of 50,0KVA with AVR voltage regulator.

The generator is equipped with an oversized Iveco engine capable of delivering a continuous power of 45.0KVA and a maximum power of 50,0KVA. Thanks to the 100l tank the Genmac Infinity generator has an autonomy of up to 8 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 50,0KVA 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



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No. 1 Schuko 16A 230V

Thermal Circuit Breaker

Thermal-magnetic switch

Controller DSE4510

- Voltmeter, Frequency meter, Ammeter
- Generator power reading (kW, kV Ar, kV A & pf)
- Hour meter
- Fuel tool
- Overload protection (kW & kV Ar)
- Low oil pressure protection
- High temperature refrigerant protection
- Low fuel level protection
- Battery charger alternator failure
- Off-rotation protections
- Oil pressure and engine temperature reading

Analog fuel level instrument

Emergency Stop Button

Connector for Remote Start/Automatic Square

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 Stone-Rent G45IS-M 50,0KVA**

Voltage regulator : AVR

Power supply: Diesel

Starting: Electric

Three-phase

Continuous output: 36,0KW

Continuous output: 45,0KVA

Maximum Output: 40,0KW

Maximum output: 50,0KVA

Voltage: 400V

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Frequency: 50 Hz  
1500 revolutions per minute  
Tank capacity: 100 l  
Autonomy @ 75%: 8 h fixed revolutions  
Sound pressure @7m: 69 dBa  
Length (mm): 2000  
Width (mm): 960  
Height (mm): 1263  
Dry weight (Kg): 1045

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): 40.0  
Continuous power three phase (KW): 36.0  
Maximum power three phase (KVA): 50.0  
Continuous power three phase (KVA): 45.0  
Fuel: Diesel  
Frequency (Hz): 50  
Voltage (V): 400  
Engine: FPT (IVECO) N45SM3, 4 stroke, turbo-aftercooler  
Engine rpm (rpm): 1500  
Starting system: Electric  
Cooling: Water  
Poles: 2  
Fuel tank capacity (L): 100  
Running time (h): 8  
Acoustic pressure: 69 dB(A)  
Length (mm): 2000  
Width (mm): 960  
Height (mm): 1263  
Dry weight (Kg): 1045  
Silenced: Yes  
Super silenced: No  
Voltage regulator: AVR  
Engine manufacturer: FPT Iveco

