

# GENMAC Stone G45YS GENERATOR 46,0KVA



Product price:

**11.204,00 € tax excluded**

## Product description:

GENMAC STONE G45YS THREE-PHASE GENERATOR 46,0KVA STAGE 0

The generator GENMAC Stone G45YS three-phase is equipped with a Yanmar diesel-powered engine capable of delivering a power of 46,0KVA with AVR voltage regulator.

The generator is equipped with an oversized Yanmar engine capable of delivering a continuous power of 42,0KVA and a maximum power of 46,0KVA. Thanks to the 50l tank the Genmac Infinity generator has an autonomy of up to 6 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. In order to improve the handling before use, at the base of the generator there are bilateral steel pockets for forklift trucks, which allows lifting from all sides, and on the top of the generator there is a hook for central lifting.

The 46,0KVA generator is complete with 3 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 control panel of the generator is made of metal with a rear cover to protect against the weather and is provided with a dedicated area to facilitate the electrical connection to the load. All units and components are factory tested, built in prototype, and header production. A specific control procedure during the various phases production guarantees long life and reliability.

## 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 Stone G45YS 46,0KVA STAGE 0

Phase Type: Singlephase / Threephase

Singlephase Continuous Power: 13.3KVA / 10.6KW

Singlephase Maximum Power: 14.6KVA / 11.7KW

Threephase Continuous Power: 42.0KVA / 33.0KW

Threephase Maximum Power: 46.0KVA / 37.0KW

Motor: Yanmar 4TNV98T-GECS

Starting: Electric

Power Supply: Diesel

Panel Sockets: 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: 1500 rpm

Tank capacity: 50 l

Autonomy @ 75%: 6 h fixed revolutions

Voltage regulator: AVR

Sound pressure @7m: 64 dBa

Length (mm): 2000

Width (mm): 960

Height (mm): 1263

Dry weight (Kg): 933

Emissions: Stage 0

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): 12.3  
Continuous power single phase (KW): 11.2  
Maximum power single phase (KVA): 15.3  
Continuous power single phase (KVA): 14  
Maximum power three phase (KW): 37.0  
Continuous power three phase (KW): 33.0  
Maximum power three phase (KVA): 46.0  
Continuous power three phase (KVA): 42.0  
Fuel: Diesel  
Frequency (Hz): 50  
Voltage (V): 230 / 400  
Sockets configuration:  
Engine: Yanmar 4TNV88, 4 stroke  
Emissions Regulations: Stage 0  
Engine rpm (rpm): 1500  
Starting system: Electric  
Cooling: Water  
Poles: 2  
Fuel tank capacity (L): 50  
Running time (h): 6  
Acoustic pressure: 64 dB(A) at 7 m  
Length (mm): 2000  
Width (mm): 960  
Height (mm): 1263  
Dry weight (Kg): 933  
Silenced: Yes  
Super silenced: Yes  
ATS Switch device : Optional  
Voltage regulator: AVR  
Engine manufacturer: Yanmar