

GENMAC Stone G40YS GENERATOR 44,0KVA



Reference: Stone G40YS

GENMAC STONE G40YS THREE-PHASE GENERATOR 44,0KVA

The generator GENMAC Stone G40YS three-phase is equipped with a Yanmar diesel-powered engine capable of delivering a power of 44,0KVA with AVR voltage regulator.

The generator is equipped with an oversized Yanmar engine capable of delivering a continuous power of 40,0KVA and a maximum power of 44,0KVA. 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 44,0KVA 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 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 G40YS 44,0KVA

Phase Type: Singlephase / Threephase

Singlephase Continuous Power: 13.3KVA / 10.6KW

Singlephase Maximum Power: 14.6KVA / 11.7KW

Threephase Continuous Power: 40.0KVA / 32.0KW
Threephase Maximum Power: 44.0KVA / 35.0KW
Motor: Yanmar 4TNN98T-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): 918

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)	11.7
Continuous power single phase (KW)	10.6
Maximum power single phase (KVA)	14.6
Continuous power single phase (KVA)	13.3
Maximum power three phase (KW)	35.0
Continuous power three phase (KW)	32.0
Maximum power three phase (KVA)	44.0
Continuous power three phase (KVA)	40.0
Fuel	Diesel
Frequency (Hz)	50
Voltage (V)	230 / 400
Engine	Yanmar 4TNN98T, 4 stroke
Engine rpm (rpm)	1500
Starting system	Elettrico
Cooling	Water
Poles	2
Fuel tank capacity (L)	50
Running time (h)	
Acoustic pressure	64 dB(A) at 7 m

Length (mm)	2000
Width (mm)	960
Height (mm)	1263
Dry weight (Kg)	918
Silenced	Yes
Super silenced	Yes
Voltage regulator	AVR
Engine manufacturer	Yanmar
