

GENMAC Stone G45PS GENERATOR 50,0KVA



Reference: Stone G45PS

GENMAC STONE G45PS THREE-PHASE GENERATOR 50,0KVA

The generator GENMAC Stone G45PS three-phase is equipped with a Perkins diesel-powered engine capable of delivering a power of 50,0KVA with AVR voltage regulator.

The generator is equipped with an oversized Perkins engine capable of delivering a continuous power of 45,0KVA and a maximum power of 50,0KVA. 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 50,0KVA 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.

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 G45PS 50,0KVA

Phase Type: Singlephase / Threephase

Singlephase Continuous Power: 15.0KVA / 12.0KW

Singlephase Maximum Power: 16.6KVA / 13.3KW

Threephase Continuous Power: 45.0KVA / 36.0KW

Threephase Maximum Power: 50.0KVA / 40.0KW

Motor: Perkins 1103A-33TG1

Starting: Electric

Power Supply: Diesel

Panel Sockets: 1 x Schuko 16A 230V - 2 x 16A 230V - 1 x 32A 400V - 1 x 63A 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: 65 dBa
 Length (mm): 2000
 Width (mm): 960
 Height (mm): 1263
 Dry weight (Kg): 987

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)	13.3
Continuous power single phase (KW)	12
Maximum power single phase (KVA)	16
Continuous power single phase (KVA)	15
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)	230 / 400
Sockets configuration	1 x Schuko 16A 230V - 2 x 16A 230V - 1 x 32A 400V - 1 x 63A 400V
Engine	
Engine rpm (rpm)	1500
Starting system	Elettrico
Cooling	Water
Poles	2
Fuel tank capacity (L)	50
Running time (h)	
Acoustic pressure	65 dB(A) at 7 m
Length (mm)	2000
Width (mm)	960
Height (mm)	1263

Dry weight (Kg)	987
Silenced	Yes
Super silenced	Yes
ATS Switch device	Optional ATS
Voltage regulator	AVR
Engine manufacturer	Perkins
