



GENMAC Living RG12000YS GENERATOR 13,4KVA

Reference: Living RG12000YS

GENMAC LIVING RG12000YS SINGLE-PHASE GENERATOR 13,4KVA

The GENMAC Living RG12000YS single-phase generator features a diesel-powered engine capable of delivering 13,4KVA with AVR regulator.

The GENMAC Living RG12000YS single-phase silenced diesel generator is a high quality professional residential series. The Genmac single-phase features an oversized Yanmar engine with water cooling.

The GENMAC Living RG12000YS are highly reliable machines, built with quality components for use in the professional field, where reliability is paramount.

The diesel engine maintains the standard engineering performance you've come to expect from Yanmar. An advanced fuel injection system uses fuel more efficiently, while high-efficiency combustion significantly reduces emissions.

The GENMAC Living RG12000YS features a soundproof cabin that allows noise propagation of no more than 68 dB (A) at 7 m, this feature makes it supersilenced.

Voltage Regulator AVR

The voltage regulator is indispensable to make the generator work at its best, in fact it needs an electronic control system, an AVR, which guarantees the good working of the machine and of the electric network underneath it.

The purpose of the AVR, in a current generator, is to maintain a stable output. 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 current opposes the inductor magnetic field, causing a voltage drop at the alternator output terminals; to compensate the phenomenon, the AVR intervenes automatically increasing the excitation current, until the output returns to the nominal value. If the load is capacitive, the current magnetizes the inductor causing an increase in the output voltage, and the AVR intervenes by reducing the excitation current

TECHNICAL FEATURES OF GENERATOR GENMAC Living RG12000YS 13.4KVA

Phase Type: Single Phase
Continuous Power: 12.2KVA / 11.0KW
Maximum Power: 13.4KVA / 12.1KW
Motor: Yanmar 3TNV76-HGE
Start: Electric
Power Supply: Diesel
Socket Frame: 1 x Schuko 16A 230V - 1 x 32A 230V - 1 x 63A 230V
Voltage: 230V
Frequency: 50 Hz
Motor speed: 3000 rpm

Tank capacity: 76 l
Autonomy @ 75%: 23 h fixed rpm
Voltage regulator : AVR
Acoustic pressure @7m: 68 dBa
Length (mm): 1056
Width (mm): 590
Height (mm): 1442
Dry weight (Kg): 400

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Images and technical data not binding.

Technical Sheet

Phase	Single phase
Maximum power single phase (KW)	12.1
Continuous power single phase (KW)	11
Maximum power single phase (KVA)	13.4
Continuous power single phase (KVA)	12.2
Fuel	Diesel
Frequency (Hz)	50
Voltage (V)	230
Sockets configuration	1 x Schuko 16A 230V - 1 x 32A 230V - 1 x 63A 230V
Engine rpm (rpm)	3000
Starting system	Elettrico
Cooling	Water
Poles	2
Acoustic pressure	68 dB(A) at 7 m
Width (mm)	590
Dry weight (Kg)	400
Silenced	Yes
Super silenced	Yes
Voltage regulator	AVR
Engine manufacturer	Yanmar