



GENMAC Living RG12000KS-M5 GENERATOR 13,4KVA

Reference: Living RG12000KS-M5

GENMAC LIVING RG12000KS-M5 SINGLE-PHASE GENERATOR 13,4KVA

The GENMAC Living RG12000KS-M5 single-phase generator features a diesel-powered Kohler stage V engine capable of delivering 13,4KVA with AVR regulator.

The GENMAC Living RG12000KS-M features a liquid-cooled, three-cylinder, horizontal-shaft engine, aluminum head and multiple points ensure maximum performance.

GENMAC Living RG12000KS-M are highly reliable machines, built with quality components for use in the professional field, where reliability is paramount.

The Stage V engine also allows the generator set to be used for mobile use, such as for road construction sites and rental services. The GENMAC Living RG12000KS-M5 is suitable for applications in different contexts such as: hospitals, industries, shopping malls, hotels, airports, banks, universities, stadiums, offices, etc.

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

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

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 GENMAC Living RG12000KS-M5 13,4KVA

Phase Type: Single Phase
Continuous Power: 12.2KVA / 11.0KW
Maximum Power: 13.4KVA / 12.1KW
Motor: Kohler KDW1003
Emission Standard: Stage V
Start: Electric

Power supply: Diesel
 Socket panel: 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%: 21 h fixed rpm
 Voltage regulator : AVR
 Acoustic pressure @7m: 68 dBa
 Length (mm): 1056
 Width (mm): 590
 Height (mm): 1442
 Dry weight (Kg): 385

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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 230V 63A 2P+T CEE - 1 x 230V 32A 2P+T CEE - 1 x 230V 16A 2P+T CEE
Engine	KOHLER KDW1003
Emissions Regulations	Stage 5
Engine rpm (rpm)	3000
Starting system	Elettrico
Cooling	Water
Poles	2
Fuel tank capacity (L)	
Running time (h)	
Acoustic pressure	68 dB(A) at 7 m
Length (mm)	
Width (mm)	590
Height (mm)	
Dry weight (Kg)	385

Silenced	Yes
Super silenced	Yes
ATS Switch device	Optional ATS
Voltage regulator	AVR
Engine manufacturer	Kohler
