



CGM 9000SPE GENERATOR 9KVA SINGLE PHASE STAGEV SILENT AVR

Reference: 9000SPE

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CGM 9000SPE single-phase generator with STAGEV petrol engine at 3000 rpm, capable of delivering a maximum power of 9 KVA, with transport trolley supplied as standard, complete with AVR voltage regulator.

The generator is characterized by lower consumption and a longer life expectancy than the petrol-powered range. The generator consists of a self-excited alternator with brushes and with **AVR** voltage regulator. The CGM 9000SPE generator has a low fuel consumption, in fact it consumes only 2.1 liters / hour at 75% of the load for an autonomy of more than 12 hours of operation.

STAGEV EMISSIONS REGULATION

The generating set is equipped with a "mobile" STAGEV motorization, as required by the European Regulation 2016/1628. These new engines make it possible to exponentially reduce the emissions of particulate matter and nitrogen oxides delivered by the generator into the environment, and ensure a reduction in the environmental impact of 200% compared to standard engines.

AVR VOLTAGE REGULATOR

Its operation is very simple when resistive loads are powered, more complex is the situation in the case of mainly inductive loads: the delayed phase current contrasts the inductor magnetic field, causing a voltage drop at the output terminals of the alternator; to compensate for the phenomenon, the AVR intervenes automatically by increasing the excitation current, until the output returns to the nominal value. If the load is instead capacitive, the current acts as a magnetizer for the inductor causing an increase in the output voltage, and the AVR intervenes by reducing the excitation current

TECHNICAL CHARACTERISTICS CGM 9000SPE:

Phase type: Single phase
Continuous power: 8.2 KVA / 6.6 KW
Maximum power: 9 KVA / 7.2 KW
Fuel: Petrol
Voltage: 230 V
Frequency: 50 Hz
Engine: 16 HP
Engine rpm: 3000 rpm
Emissions standard: StageV
Starting: Electric
Voltage regulator: AVR
Consumption: 2.1 Lt / h at 75% load
Tank capacity: 25 Lt
Autonomy: 11.9 h at 75% load

Acoustic pressure: 70 dBA @ 7m
 Socket panel: 1 x schuko 230V | 1 x CEE 32A 3P 230V socket | 1 x 12VDC socket
 Length: 725 mm
 Width: 600 mm
 Height: 620 mm
 Weight: 87 Kg

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The images and technical data are not binding, the color of the group may vary based on availability.

Technical Sheet

Phase	Single phase
Maximum power single phase (KW)	7.2
Continuous power single phase (KW)	
Maximum power single phase (KVA)	9
Continuous power single phase (KVA)	8.2
Fuel	Gasoline
Frequency (Hz)	50
Voltage (V)	230
Sockets configuration	1 x schuko 230V 1 x CEE 32A 3P 230V socket 1 x 12VDC socket
Engine	16 HP
Emissions Regulations	Stage 5
Engine rpm (rpm)	3000
Starting system	Elettrico
Engine capacity (cm ³)	420
Number cylinders	1
Alternator	Autoeccitato, con spazzole
Fuel tank capacity (L)	25
Consumption (L/h)	2.1 at 75% of the load
Running time (h)	119 at 75% load
Acoustic pressure	70 dB(A) at 7 m
Length (mm)	725
Width (mm)	600
Height (mm)	620
Dry weight (Kg)	87
Silenced	Yes
Super silenced	No

Product type	Generator
ATS Switch device	No ATS
Voltage regulator	AVR
