



# CGM 9000SPE GENERATOR 9KVA SINGLE PHASE STAGEV SILENT AVR

Product price:

**780.00 € tax excluded**

## Product description:

### CGM 9000SPE GENERATOR 9KVA SINGLE PHASE STAGEV SILENT AVR

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

Are you looking for a product with technical characteristics different? [HERE](#) you can find the area dedicated to CGM generators or other specialized brands.

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

#### **Product features:**

Phase: Single phase

Maximum power single phase (KW): 7.2

Continuous power single phase (KW): 6.6

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<sup>3</sup>): 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

Voltage regulator: AVR

