



CGM 9000SPT GENERATOR 9KVA SINGLE / THREE PHASE STAGEV SILENT AVR

Product price:

832,50 € tax excluded

Product description:

CGM 9000SPT GENERATOR 9KVA SINGLE / THREE PHASE STAGEV SILENT AVR

CGM 9000SPT single-phase / three-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.

CGM 9000SPT 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 9000SPT generator has a low fuel consumption, in fact it consumes only 2.1 liters / hour at 75% of 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 European Regulation 2016/1628. These new engines make it possible to exponentially reduce the emissions of particulate matter and nitrogen oxides delivered by CGM 9000SPT 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 load is instead capacitive, the current acts as a magnetizer



for the inductor causing an increase in output voltage, and AVR intervenes by reducing excitation current

TECHNICAL CHARACTERISTICS CGM 9000SPTE:

Type of phase: Single-phase / Three-phase

Continuous use Single-phase: 2.7 KVA / 2.2 KW

Maximum single-phase power: 3 KVA / 2.4 KW

Continuous use Three-phase: 8.2 KVA / 6.6 KW

Three-phase maximum power: 9 KVA / 7.2 KW

Fuel: Petrol

Voltage: 400/230 V

Frequency: 50 Hz

Motor: 16 HP

Revs engine: 3000 rpm

Emissions standard: StageV

Starting: Electric

Voltage regulator: AVR

Consumption: 2.1 Lt / h at 75% of load

Capacity tank: 25 Lt

Autonomy: 11.9 h at 75% of load

Acoustic pressure: 70 dBA @ 7m

Socket panel: 1 x schuko 230V | 1 x CEE socket 16A 5P 400V | 1 x 12VDC socket

Length: 725 mm

Width: 600 mm

Height: 620 mm

Weight: 87 Kg

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

CGM 9000SPTE

Product features:

Phase: Single phase / Three phase

Maximum power single phase (KW): 2.4

Continuous power single phase (KW): 2.2

Maximum power single phase (KVA): 3

Continuous power single phase (KVA): 2.7

Maximum power three phase (KW): 7.2

Continuous power three phase (KW): 6.6
Maximum power three phase (KVA): 9
Continuous power three phase (KVA): 8.2
Fuel: Gasoline
Frequency (Hz): 50
Voltage (V): 230 / 400
Sockets configuration: 1 x schuko 230V | 1 x CEE socket 16A 5P 400V | 1 x 12VDC socket
Engine: 16 HP
Emissions Regulations: Stage 5
Engine rpm (rpm): 3000
Starting system: Electric
Engine capacity (cm³): 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