



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

Reference: 9000SPTE

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CGM 9000SPTE 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 9000SPTE 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 9000SPTE 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 9000SPTE 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

Technical Sheet

Phase	Single phase / Three phase
Maximum power single phase (KW)	2.4
Continuous power single phase (KW)	
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	Elektrico
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