



CGM 6000SP GENERATOR 6KVA SINGLE PHASE STAGEV SILENCED AVR

Reference: 6000SP

CGM 6000SP GENERATOR 6KVA SINGLE PHASE STAGEV SILENT AVR

Generator Single-phase CGM 6000SP with STAGEV petrol engine at 3000 rpm, capable of delivering a maximum power of 6 KVA, with transport trolley supplied as standard, complete with AVR voltage regulator.

CGM 6000SP 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. CGM 6000SP generator has a low fuel consumption, in fact it consumes only 1.8 liters / hour at 75% of load for an autonomy of more than 13.9 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 6000SP 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 inductor magnetic field, causing a voltage drop at output terminals of alternator; to compensate for the phenomenon, the AVR intervenes automatically by increasing the excitation current, until 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 FEATURES CGM 6000SP:

Phase type: Single phase
Continuous power: 5.4 KVA / 4.9 KW
Maximum power: 6 KVA / 5.4 KW
Fuel: Petrol
Voltage: 230 V
Frequency: 50 Hz
Engine: 14 HP
Engine rpm: 3000 rpm
Emissions standard: StageV
Starting: Manual
Voltage regulator: AVR
Consumption: 1.8 Lt / h at 75% load
Tank capacity: 25 Lt
Autonomy: 13.9 h at 75% load

Acoustic pressure: 70 dBA @ 7m
 Color: Color may vary according to availability
 Length: 717 mm
 Width: 545 mm
 Height: 592 mm
 Weight: 69 Kg

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

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

CGM 6000SP

Technical Sheet

Phase	Single phase
Maximum power single phase (KW)	5.4
Continuous power single phase (KW)	4.9
Maximum power single phase (KVA)	6
Continuous power single phase (KVA)	5.4
Fuel	Gasoline
Frequency (Hz)	50
Voltage (V)	230
Sockets configuration	1 x schuko 230V - 1 x CEE 32A 3P 230V - 1 x 12VDC
Engine	14HP
Emissions Regulations	Stage 5
Engine rpm (rpm)	3000
Starting system	Manual recoil
Engine capacity (cm ³)	420
Number cylinders	1
Alternator	Autoeccitato, con spazzole
Fuel tank capacity (L)	25
Consumption (L/h)	1.8 at 75% of the load
Running time (h)	13.9 at 75% load
Acoustic pressure	70 dB(A) at 7 m
Length (mm)	717
Width (mm)	545
Height (mm)	592
Dry weight (Kg)	69
Silenced	Yes

Super silenced	No
Product type	Generator
ATS Switch device	No ATS
Voltage regulator	AVR
