

CGM 3000 SE GENERATOR 3KVA SINGLE PHASE STAGEV AVR ELECTRIC START

Product description:

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CGM 3000 SE single-phase generator is equipped with a STAGEV petrol engine, it is capable of delivering a maximum power of 3KVA, with transport trolley supplied as standard, complete with AVR voltage regulator.

The generator is equipped with electric start and has a low fuel consumption and an extremely large tank, capable of holding up to 15l, thanks to these characteristics the generator guarantees an autonomy of 10 hours at 75% of the load.

CGM 3000 SE thanks to its only 48kg and a body equipped with handles and wheels, it will be extremely easy to move and use for any activity you want to use this generator

The CGM 3000 SE generator is equipped with a front electrical panel consisting of 2 Schuko 230V sockets with pure sine wave, thermal protection, hour meter and a 12 DC socket.

The generator guarantees efficient and silent operation thanks to the StageV petrol engine which allows to deliver a maximum power of 3 KVA.

STAGEV EMISSIONS REGULATION

The CGM 3000 SE generator 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



The purpose of the AVR in a power source is to keep the output stable. And if its operation is very simple when resistive loads are powered, the situation is more complex in the case of mainly inductive loads: the delayed phase current contrasts the inductor magnetic field, causing a drop in the alternator output terminals; 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 3000 SE:

Phase type: Single phase
Continuous power: 2.8 KVA / 2.8 KW
Maximum power: 3 KVA / 3 KW
Fuel: Petrol
Voltage: 230 V
Frequency: 50 Hz
Engine: CGM 7 HP
Engine rpm: 3000 rpm
Emissions standard: StageV
Starting: Electric
Voltage regulator: AVR
Consumption: 1.2 Lt / h at 75% of the load
Tank capacity: 15 Lt
Autonomy: 10 h at 75% of the load
Length: 600 mm
Width: 440 mm
Height: 440 mm
Weight: 48.6 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.

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): 3
Continuous power single phase (KW): 2.8
Maximum power single phase (KVA): 3
Continuous power single phase (KVA): 2.8
Fuel: Gasoline

Frequency (Hz): 50
Voltage (V): 230
Sockets configuration: 2 Schuko + 12 V
Engine: CGM 7 HP
Emissions Regulations: Stage 5
Engine rpm (rpm): 3000
Starting system: Electric
Engine capacity (cm³): 212
Number cylinders: 1
Alternator: Synchronous self-excited, with brushes
Fuel tank capacity (L): 15
Consumption (L/h): 1.5 to 75% of the load
Running time (h): 10 al 75% del carico
Length (mm): 600
Width (mm): 440
Height (mm): 440
Dry weight (Kg): 48.6
Silenced: No
Super silenced: No
Product type: Generator
ATS Switch device : No
Voltage regulator: AVR