



## CGM 1000S GENERATOR 1,2KVA SINGLE PHASE STAGEV AVR

Reference: 1000S

### CGM 1000S GENERATOR 1,2KVA SINGLE PHASE STAGEV AVR

The CGM 1000S single-phase generator is equipped with a STAGEV petrol engine, capable of delivering a maximum power of 1.2KVA, complete with AVR voltage regulator.

The CGM 1000S is characterized by lower consumption and a longer life expectancy than the petrol-powered range. Equipped with a completely steel structure and a large metal tank with filling indicator. The generator guarantees efficient and silent operation thanks to the StageV petrol engine which allows for the delivery of a maximum power of 1.2 KVA.

#### STAGEV EMISSION REGULATIONS

The generator is equipped with a "mobile" STAGEV engine, as required by European Regulation 2016/1628. These new engines make it possible to exponentially reduce the particulate and nitrogen oxide emissions released by the generator into the environment, and guarantee a 200% reduction in environmental impact compared to standard engines.

#### AVR VOLTAGE REGULATOR

The purpose of the AVR, in a current generator, 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 predominantly inductive loads: the delayed phase-shifted current contrasts the inductor magnetic field, causing a drop in the alternator output terminals; to compensate 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 magnet for the inductor causing an increase in the output voltage, and the AVR intervenes by reducing the excitation current

#### CGM 1000S TECHNICAL SPECIFICATIONS:

Phase type: Single-phase  
Continuous power: 1.1 KVA / 1.1 KW  
Maximum power: 1.2 KVA / 1.2 KW  
Fuel: Petrol  
Voltage: 230 V  
Frequency: 50 Hz  
Engine: CGM 4 HP  
Engine speed: 3000 rpm  
Emissions standard: StageV  
Starter: Manual recoil  
Voltage regulator: AVR  
Consumption: 0.7 Lt/h at 75% of the load  
Tank capacity: 7 Lt

Autonomy: 10 h at 75% of the load  
 />Length: 475 mm  
 Width: 380 mm  
 Height: 380 mm  
 Weight: 24.7 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 groupset may vary based on availability.

## Technical Sheet

Phase	Single phase
Maximum power single phase (KW)	1.1
Continuous power single phase (KW)	1.2
Maximum power single phase (KVA)	1.1
Continuous power single phase (KVA)	1.2
Fuel	Gasoline
Frequency (Hz)	50
Voltage (V)	230
Sockets configuration	1 Schuko + 12 V
Engine	4 HP
Emissions Regulations	Stage 5
Engine rpm (rpm)	3000
Starting system	Manual recoil
Engine capacity (cm <sup>3</sup> )	113
Number cylinders	1
Alternator	Synchronous self-excited, with brushes
Fuel tank capacity (L)	7
Consumption (L/h)	0,7 to 75% of the load
Running time (h)	10 al 75% del carico
Length (mm)	456
Width (mm)	380
Height (mm)	380
Dry weight (Kg)	24.7
Silenced	No
Super silenced	No

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Product type	Generator
ATS Switch device	No ATS
Voltage regulator	AVR

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