



## GENERATOR 2,2KVA SINGLE PHASE STAGEV AVR

Reference: GP22KVASE

### GENERATOR 2,2KVA SINGLE PHASE STAGEV AVR

Generator single-phase equipped with a STAGEV petrol engine, it is capable of delivering a maximum power of 2,2KVA, complete with AVR voltage regulator.

The generator 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 to deliver a maximum power of 2.2 KVA.

#### STAGEV EMISSIONS REGULATION

The 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 FEATURES:

Phase type: Single-phase  
Continuous power: 2 KVA / 2 KW  
Maximum power: 2.2 KVA / 2.2 KW  
Fuel: Petrol  
Voltage: 230 V  
Frequency: 50 Hz  
Engine: 7 HP  
Engine rpm: 3000 rpm  
Emissions standard: StageV  
Starting: Manual  
Voltage regulator : AVR  
Consumption: 1.5 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: 37.6 Kg

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

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

## Technical Sheet

Phase	Single phase
Maximum power single phase (KW)	2
Continuous power single phase (KW)	2.2
Maximum power single phase (KVA)	2
Continuous power single phase (KVA)	2.2
Fuel	Gasoline
Frequency (Hz)	50
Voltage (V)	230
Sockets configuration	2 Schuko + 12 V
Engine	7 HP
Emissions Regulations	Stage 5
Engine rpm (rpm)	3000
Starting system	Manual recoil
Engine capacity (cm <sup>3</sup> )	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 to 75% of the load
Length (mm)	600
Width (mm)	440
Height (mm)	440
Dry weight (Kg)	37,6
Silenced	No
Super silenced	No

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Product type	Generator
ATS Switch device	No ATS
Voltage regulator	AVR

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