



# GENERATOR 8,5KW SINGLE-PHASE AVR ELECTRIC START

**Product price:**

**1.100,00 € tax excluded**

## **Product description:**

### GENERATOR 8,5KW SINGLE-PHASE AVR ELECTRIC START

Single-phase generator is equipped with a petrol engine, is capable of delivering a maximum power of 8.5 kW, with a transport trolley as standard, complete with AVR voltage regulator.

The generator is equipped with electric start and has low fuel consumption and an extremely large tank, capable of holding up to 27l. Thanks to these characteristics, the generator guarantees an autonomy of 8.5 hours at 50% of the load.

Thanks to its only 93kg and a body equipped with handles and wheels, it will be extremely easy to move and use this generator for any activity you want to use

The generator is equipped with a front electrical panel consisting of 1 CEE 16A 400V socket and 1 CEE 32A 230V socket, overload protection and Oil Allert. The generator guarantees efficient and silent operation thanks to the petrol engine which allows for the delivery of a maximum power of 8.5 kW.

## 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

## TECHNICAL FEATURES:



Phase type: Single-phase  
Continuous power: 8 KVA / 6.4 KW  
Maximum power: 8.5 KVA / 6.8 KW  
Fuel: Petrol  
Voltage : 230 / 400 V  
Frequency: 50 Hz  
Engine: 500 cc  
Engine speed: 3000 rpm  
Emissions standard: Stage ZERO  
Starter: Electric / A recoil starter  
Voltage regulator: AVR  
Consumption: 3.17 liters/h at 50% load  
Tank capacity: 27 liters  
Autonomy: 8.5 hours at 50 % of load  
Length: 697 mm  
Width: 562 mm  
Height: 577 mm  
Weight: 93 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.

#### **Product features:**

Phase: Single phase / Three phase  
Maximum power single phase (KW): 6.8  
Continuous power single phase (KW): 6.4  
Maximum power single phase (KVA): 8.5  
Continuous power single phase (KVA): 8  
Maximum power three phase (KW): 6.8  
Continuous power three phase (KW): 6.4  
Maximum power three phase (KVA): 8.5  
Continuous power three phase (KVA): 8  
Fuel: Gasoline  
Frequency (Hz): 50  
Voltage (V): 230 / 400  
Sockets configuration: 1x CEE 16A 400V | 1x CEE 32A 230V  
Engine: 500 cc  
Emissions Regulations: Stage ZERO  
Engine rpm (rpm): 3000





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Starting system: Electric and recoil  
Number cylinders: 1  
Alternator: Synchronous self-excited, with brushes  
Fuel tank capacity (L): 27  
Consumption (L/h): 3,17 to 50% of the load  
Running time (h): 8,5 to 50% of the load  
Length (mm): 697  
Width (mm): 562  
Height (mm): 577  
Dry weight (Kg): 93  
Silenced: No  
Super silenced: No  
Product type: Generator  
ATS Switch device : No  
Voltage regulator: AVR