



# GENERATOR 6KVA SINGLE PHASE STAGEV SILENT AVR ELECTRIC START

Product price:

**690,00 € tax excluded**

## Product description:

### GENERATOR 6KVA SINGLE PHASE STAGEV SILENT AVR

Generator Single-phase 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.

The generator features lower fuel consumption and a longer life expectancy than the gasoline-powered range. The generator consists of a self-excited alternator with brushes and **AVR** voltage regulator. The generator has electric start with 12 V battery and low fuel consumption, in fact it consumes only 1.8 liters/hour at 75% load for a range of more than 13.9 hours of operation.

### STAGEV EMISSIONS REGULATION

The generating set 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 supplied, the situation is more complex in the case of mainly inductive loads: the delayed phase-shifted current contrasts the inductor magnetic field, causing a voltage drop at 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: 5.4 KVA / 4.9 KW  
Maximum power: 6 KVA / 5.4 KW  
Fuel: Gasoline  
Voltage: 230 V  
Frequency: 50 Hz  
Motor: 14 HP  
Engine speed: 3000 rpm  
Emission standard: StageV  
Starter: Electric  
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 depending on 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 specialized brands.

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

**Product features:**

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

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Emissions Regulations: Stage 5  
Engine rpm (rpm): 3000  
Starting system: Manual / Electric  
Engine capacity (cm<sup>3</sup>): 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  
Voltage regulator: AVR