



# GENERATOR 9KVA SINGLE / THREE PHASE STAGEV SILENT AVR

Product price:

**1.200,00 € tax excluded**

## Product description:

### GENERATOR 9KVA SINGLE / THREE PHASE STAGEV SILENT AVR

Generator Single-phase / three-phase with STAGEV petrol-powered engine at 3000 rpm, capable of delivering a maximum power of 9 KVA, with transport trolley as standard equipment, complete with AVR voltage regulator.

The generator is characterized by lower consumption and a longer life expectancy than the petrol-powered range. The generator consists of a self-excited alternator with brushes and voltage regulator **AVR**. This generator has low fuel consumption, in fact it consumes only 2.1 litres/hour at 75% of the load for an autonomy of more than 12 hours of operation.

### STAGEV EMISSION REGULATIONS

The generator set 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

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 voltage at the output terminals of the alternator; 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:



Type of phase: Single-phase / Three-phase  
Continuous use Single-phase: 2.7 KVA / 2.2 KW  
Maximum single-phase power: 3 KVA / 2.4 KW  
Continuous use Three-phase: 8.2 KVA / 6.6 KW  
Three-phase maximum power: 9 KVA / 7.2 KW  
Fuel: Petrol  
Voltage: 400/230 V  
Frequency: 50 Hz  
Motor: 16 HP  
Revs engine: 3000 rpm  
Emissions standard: StageV  
Starting: Electric  
Voltage regulator: AVR  
Consumption: 2.1 Lt / h at 75% of load  
Capacity tank: 25 Lt  
Autonomy: 11.9 h at 75% of the load  
Acoustic pressure: 70 dBA @ 7m  
Socket panel: 1 x schuko 230V | 1 x CEE socket 16A 5P 400V | 1 x 12VDC socket  
Length: 725 mm  
Width: 600 mm  
Height: 620 mm  
Weight: 87 Kg

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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): 2.4  
Continuous power single phase (KW): 2.2  
Maximum power single phase (KVA): 3  
Continuous power single phase (KVA): 2.7  
Maximum power three phase (KW): 7.2  
Continuous power three phase (KW): 6.6  
Maximum power three phase (KVA): 9  
Continuous power three phase (KVA): 8.2  
Fuel: Gasoline  
Frequency (Hz): 50  
Voltage (V): 230 / 400

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Sockets configuration: 1 x schuko 230V | 1 x CEE socket 16A 5P 400V | 1 x 12VDC socket  
Engine: 16 HP  
Emissions Regulations: Stage 5  
Engine rpm (rpm): 3000  
Starting system: Electric  
Engine capacity (cm<sup>3</sup>): 420  
Number cylinders: 1  
Alternator: Autoeccitato, con spazzole  
Fuel tank capacity (L): 25  
Consumption (L/h): 2.1 at 75% of the load  
Running time (h): 119 at 75% load  
Acoustic pressure: 70 dB(A) at 7 m  
Length (mm): 725  
Width (mm): 600  
Height (mm): 620  
Dry weight (Kg): 87  
Silenced: Yes  
Super silenced: No  
Product type: Generator  
ATS Switch device : No  
Voltage regulator: AVR