



GENERATOR 3KVA SINGLE PHASE STAGEV AVR MANUAL START

Reference: GE3KVAAMSV

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The generator is equipped with a STAGEV petrol engine, it is capable of delivering a maximum power of 3KVA, with transport trolley supplied as standard, complete with AVR voltage regulator.

The generator is characterized by lower consumption and a longer life expectancy than the petrol-powered range. Consisting of a self-excited alternator with brushes and **AVR** regulator. The generator is equipped with a manual pull start and low fuel consumption, in fact it consumes only 1.2 liters / hour at 75% of the load for an autonomy of more than 12.5 hours of operation.

Equipped with a full 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 3 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: 2.7 KVA / 2.4 KW
Maximum power: 3 KVA / 2.7 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: 1.2 Lt / h at 75% load
 Tank capacity: 15 Lt
 Autonomy: 12.5 h at 75% load
 Acoustic pressure: 70 dBA @ 7m
 Length: 617 mm
 Width: 475 mm
 Height: 467 mm
 Weight: 45 Kg

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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)	2.7
Continuous power single phase (KW)	2.4
Maximum power single phase (KVA)	3
Continuous power single phase (KVA)	2.7
Fuel	Gasoline
Frequency (Hz)	50
Voltage (V)	230
Sockets configuration	2 x 230V
Engine	7 HP
Emissions Regulations	Stage 5
Engine rpm (rpm)	3000
Starting system	Manual recoil
Engine capacity (cm ³)	208
Number cylinders	1
Alternator	Synchronous self-excited, with brushes
Fuel tank capacity (L)	15
Consumption (L/h)	1.2 at 75% of the load
Running time (h)	12.5 at 75% of the load
Acoustic pressure	70 dB(A) at 7 m
Length (mm)	617
Width (mm)	475
Height (mm)	467

Dry weight (Kg)	45
Silenced	No
Super silenced	No
Product type	Generator
ATS Switch device	No ATS
Voltage regulator	AVR
