



GENERATOR 3KVA SINGLE PHASE STAGEV AVR MANUAL START

Product price:

454,00 € tax excluded

Product description:

GENERATOR 3KVA SINGLE PHASE STAGEV AVR MANUAL START

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.

Product features:

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 (cm³): 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

Voltage regulator: AVR