



GENERATOR 9KVA SINGLE PHASE SILENT AVR STAGEV

Reference: GM9KVA

GENERATOR 9KVA SINGLE PHASE SILENT AVR STAGEV

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

The generator consists of a self-excited alternator with brushes and a **AVR** voltage regulator. This generator set provides reliable energy for home, work and leisure environments, safely powers household appliances and other electronic devices. Extremely practical sockets and controls make starting and operating the generator easier, making these operations extremely simple and fast.

The generator is supplied complete with a handling trolley, to facilitate mobility and storage, equipped with a steel structure and a tank with a maximum capacity of 25 liters which allows the generator to operate for about 12 hours at 75% of the load.

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: 8.2 KVA / 6.5 KW
Maximum power: 9 KVA / 7.2 KW
Fuel: Petrol
Voltage: 230 V
Frequency: 50 Hz
Engine: 16 HP
Engine rpm: 3000 rpm
Emissions standard: StageV

Starting: Electric
 Voltage regulator: AVR
 Consumption: 2.1 Lt / h at 75% load
 Tank capacity: 25 Lt
 Autonomy: 11.9 h at 75% load
 Acoustic pressure: 70 dBA @ 7m
 Color: Color may vary according to availability
 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.

Technical Sheet

Phase	Single phase
Maximum power single phase (KW)	7.2
Continuous power single phase (KW)	6.2
Maximum power single phase (KVA)	9
Continuous power single phase (KVA)	8.5
Fuel	Gasoline
Frequency (Hz)	50
Voltage (V)	230
Sockets configuration	1 x schuko 230V - 1 x CEE 32A 3P 230V - 1 x 12VDC
Engine	16 HP
Emissions Regulations	Stage 5
Engine rpm (rpm)	3000
Starting system	Manual / Electric
Engine capacity (cm ³)	460
Number cylinders	1
Alternator	
Fuel tank capacity (L)	25
Consumption (L/h)	2.1
Running time (h)	11.9
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 ATS
Voltage regulator	AVR