



GENERATOR 6KVA SINGLE PHASE STAGEV SILENT AVR ELECTRIC START

Reference: GM6KVA

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.

Technical Sheet

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