



GENERATOR 9KVA SINGLE / THREE PHASE STAGEV SILENT AVR

Reference: GMT9KVA

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.

Technical Sheet

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
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 ³)	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 ATS
Voltage regulator	AVR
