



GENERATOR 9KVA SINGLE PHASE / THREE PHASE STAGEV AVR WITH ATS

Reference: 9KVAATS

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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**. The 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.

ATS AUTOMATIC STARTER PANEL ARRANGEMENT

The generator set includes an ATS automatic transfer switch. Thanks to which you will no longer have to worry about blackouts because if the electricity goes off, this panel is able to automatically start the generator and will allow you to continue your business without losing your work data.

TECHNICAL FEATURES:

Phase type: Single-phase / Three-phase
Continuous use Single-phase: 2.7 KVA / 2.2 KW
Maximum power Single-phase: 3 KVA / 2.4 KW
Continuous use Three-phase: 8.2 KVA / 6.6 KW
Maximum three-phase power: 9 KVA / 7.2 KW
Fuel: Petrol
Voltage: 400 / 230 V
Frequency: 50 Hz

Motor: 16 HP
Revolutions engine: 3000 rpm
Emissions standard: StageV
Starter: Electric
Voltage regulator: AVR
Consumption: 2.1 Lt/h at 75% 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 16A 5P 400V socket | 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
Maximum power single phase (KVA)	3
Maximum power three phase (KW)	7.2
Maximum power three phase (KVA)	9
Fuel	Gasoline
Frequency (Hz)	50
Voltage (V)	230 / 400
Sockets configuration	1 x 400V - 1 x 230V
Engine	16 HP
Emissions Regulations	Stage 5
Engine rpm (rpm)	3000
Starting system	Manual / Electric
Engine capacity (cm ³)	460
Number cylinders	1
Alternator	Copper
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	No
Super silenced	No
Product type	Generator
ATS Switch device	ATS Included
Voltage regulator	AVR