



GENERATOR 3KW SINGLE-PHASE AVR

Reference: RGE3KW

GENERATOR 3KW SINGLE-PHASE AVR

The generator is equipped with a petrol engine, is capable of delivering a maximum power of 3KW, complete with AVR voltage regulator.

The generator is equipped with a manual start and has low fuel consumption and an extremely large tank, capable of holding up to 14.5l. Thanks to these characteristics, the generator guarantees an autonomy of 12 hours at 50% of the load .

The generator is equipped with a front electrical panel consisting of 2 230V Schuko sockets with pure sine wave, thermal protection and Oil alert.

The generator guarantees efficient and silent operation thanks to the petrol engine that allows it to deliver a maximum power of 3 KW.

AVR VOLTAGE REGULATOR

The purpose of the AVR, in a current generator, is to maintain the output stable. And if its operation is very simple when resistive loads are supplied, it is more complex in the case of predominantly inductive loads: the delayed phase-shifted current contrasts the inductor magnetic field, causing a drop in the alternator's output terminals; 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:

Phase type: Single-phase
Continuous power: 2.7 KVA / 2.7 KW
Maximum power: 3 KVA / 3 KW
Fuel: Petrol
Voltage: 230 V
Frequency: 50 Hz
Engine: 212 CC
Engine speed: 3000 rpm
Emissions standard: Stage Zero
Starter: Manual / self-winding
Voltage regulator: AVR
Consumption: 1.2 Lt/h at 50% of the load
Tank capacity: 14.5 Lt
Autonomy: 12 h at 50% of the load

Length: 590 mm
Width: 430 mm
Height: 437 mm
Net weight: 43 Kg

Are you looking for a product with different technical characteristics? [HERE](#) you can find the area dedicated to specialized brands.

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)	3
Continuous power single phase (KW)	2.7
Maximum power single phase (KVA)	3
Continuous power single phase (KVA)	2.7
Fuel	Gasoline
Frequency (Hz)	50
Voltage (V)	230
Sockets configuration	2 Schuko + 12 V
Engine	212 cc
Emissions Regulations	STAGE ZERO
Engine rpm (rpm)	3000
Starting system	Pull starter with recoil
Number cylinders	1
Alternator	Synchronous self-excited, with brushes
Fuel tank capacity (L)	14.5
Consumption (L/h)	1.2 to 50% of the load
Running time (h)	
Length (mm)	590
Width (mm)	430
Height (mm)	437
Dry weight (Kg)	43
Silenced	No
Super silenced	No
Product type	Generator

ATS Switch device	No ATS
Voltage regulator	AVR
