



GENERATOR 8,5KW SINGLE-PHASE AVR ELECTRIC START

Reference: RGE8KVA

GENERATOR 8,5KW SINGLE-PHASE AVR ELECTRIC START

Single-phase generator is equipped with a petrol engine, is capable of delivering a maximum power of 8.5 kW, with a transport trolley as standard, complete with AVR voltage regulator.

The generator is equipped with electric start and has low fuel consumption and an extremely large tank, capable of holding up to 27l. Thanks to these characteristics, the generator guarantees an autonomy of 8.5 hours at 50% of the load.

Thanks to its only 93kg and a body equipped with handles and wheels, it will be extremely easy to move and use this generator for any activity you want to use

The generator is equipped with a front electrical panel consisting of 1 CEE 16A 400V socket and 1 CEE 32A 230V socket, overload protection and Oil Allert. The generator guarantees efficient and silent operation thanks to the petrol engine which allows for the delivery of a maximum power of 8.5 kW.

AVR VOLTAGE REGULATOR

The purpose of the AVR, in a current generator, is to keep the output stable. And if 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 the alternator 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: 8 KVA / 6.4 KW
Maximum power: 8.5 KVA / 6.8 KW
Fuel: Petrol
Voltage : 230 / 400 V
Frequency: 50 Hz
Engine: 500 cc
Engine speed: 3000 rpm
Emissions standard: Stage ZERO
Starter: Electric / A recoil starter
Voltage regulator: AVR
Consumption: 3.17 liters/h at 50% load
Tank capacity: 27 liters

Autonomy: 8.5 hours at 50 % of load
 Length: 697 mm
 Width: 562 mm
 Height: 577 mm
 Weight: 93 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 / Three phase |
|-------------------------------------|--|
| Maximum power single phase (KW) | 6.8 |
| Continuous power single phase (KW) | 6.4 |
| Maximum power single phase (KVA) | 8.5 |
| Continuous power single phase (KVA) | 8 |
| Maximum power three phase (KW) | 6.8 |
| Continuous power three phase (KW) | 6.4 |
| Maximum power three phase (KVA) | 8.5 |
| Continuous power three phase (KVA) | 8 |
| Fuel | Gasoline |
| Frequency (Hz) | 50 |
| Voltage (V) | 230 / 400 |
| Sockets configuration | 1x CEE 16A 400V 1x CEE 32A 230V |
| Engine | 500 cc |
| Emissions Regulations | Stage ZERO |
| Engine rpm (rpm) | 3000 |
| Starting system | Electric and recoil |
| Number cylinders | 1 |
| Alternator | Synchronous self-excited, with brushes |
| Fuel tank capacity (L) | 27 |
| Consumption (L/h) | 3,17 to 50% of the load |
| Running time (h) | 8,5 to 50% of the load |
| Length (mm) | 697 |
| Width (mm) | |
| Height (mm) | |
| Dry weight (Kg) | 93 |
| Silenced | No |

| | |
|-------------------|-----------|
| Super silenced | No |
| Product type | Generator |
| ATS Switch device | No ATS |
| Voltage regulator | AVR |
