



# GENERATOR 36KVA THREE-PHASE SUPER SILENT AVR

Product price:

**6,997.40 € tax excluded**

## Product description:

### GENERATOR 36KVA THREE-PHASE SUPER SILENT

The generator three-phase is equipped with Yangdong Y4102D diesel-powered engine, capable of delivering a power of 36KVA complete with **AVR voltage regulator** and automatic control panel.

This generator is equipped with **electric, manual or automatic start** with 12 V battery, and is; equipped with **DSE4520MKII** control unit which allows you to view all the electrical parameters of the engine and generator, the functions, the status of the generating set, manage the entire group and view, if any, the system errors or alarms. The group has low fuel consumption, in fact it consumes only 6 litres/hour at 75% of the load, combined with a large tank of 65 l capacity; maximum, it will give you; an autonomy of approximately 10.8 hours.

This groupset is equipped with a soundproofed cabin, made of 20/10 thick carbon steel, folded and electro-welded, with IP23 protection class and which can be opened in two sections. This cabin allows an incredible reduction of noise pollution, to the point of making it **supersilenced**. The generator set guarantees efficient and silent operation thanks to the Yangdong Y4102D engine, which allows to deliver a maximum power of 36KVA.

## AVR voltage regulator

An Automatic Voltage Regulator (AVR) is a must have. an electronic device that controls the output voltage of an alternating current (AC) generator to keep the voltage constant. Its main purpose is; that of preventing the output voltage of the generator from increasing or decreasing too much, guaranteeing a constant voltage for the electrical devices that are powered by the generator.

The AVR works by sensing the generator output voltage and then adjusting the generator field current to maintain the desired output voltage. As the output voltage decreases, the AVR



increases the generator field current to raise the output voltage. Conversely, as the output voltage increases, the AVR decreases the generator field current to decrease the output voltage.

#### **TECHNICAL FEATURES:**

Phase type: Three-phase  
Continuous power: 33 KVA / 26 KW  
Maximum power: 36 KVA / 29 KW  
Motor: Yangdong Y4102D  
Power supply: Diesel  
Engine speed: 1500 rpm  
Regulation of revolutions: Mechanical  
Emissions standard: Stage Zero  
Control unit: DSE4520MKII  
Battery charger: Included  
Starter: Electric / Automatic  
Voltage regulator: AVR SX460  
Voltage: 400 V  
Frequency: 50 Hz  
Socket panel: Terminal block  
Capacity: tank: 65 l  
Consumption at 75% of the load: 6 l/h  
Autonomy at 75% of the load: 10.8 h  
Acoustic pressure: 70 dB(A) @ 7 m  
Length: 2050 mm  
Width: 750 mm  
Height: 1100 mm  
Net Weight: 990 kg

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

Images and non-binding technical data.

#### **Product features:**

Phase: Three phase  
Maximum power three phase (KW): 29  
Continuous power three phase (KW): 26  
Maximum power three phase (KVA): 36  
Continuous power three phase (KVA): 33  
Fuel: Diesel  
Frequency (Hz): 50

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Voltage (V): 400  
Engine: Yangdong Y4102D  
Emissions Regulations: Stage Zero  
Engine rpm (rpm): 1500  
Speed governor: Mechanical  
Starting system: Electric / Automatic  
Engine capacity (cm<sup>3</sup>):  
Number cylinders: 4  
Cylinders' position: In line  
Fuel tank capacity (L): 65  
Consumption (L/h): 6 at 75% of load  
Running time (h): 10.8 at 75% of load  
Acoustic pressure: 70 dB(A) at 7 m  
Length (mm): 2050  
Width (mm): 750  
Height (mm): 110  
Dry weight (Kg): 990  
Silenced: Yes  
Super silenced: Yes  
ATS Switch device : No  
Voltage regulator: AVR  
Engine manufacturer: Yangdong  
Power factor control: 0.8