



# Generator set Silenced Automatic Panel 49.5kVA AVR EU Stage Zero

Product price:

**10,940.00 € tax excluded**

## Product description:

### Generator set Silenced Automatic Panel 49.5kVA AVR EU Stage Zero

**Silenced Generator Set 49.5 kVA Avr EU Stage Zero** is a robust and reliable solution for your energy needs, both continuous and emergency. Designed to operate in **three-phase** configuration, it offers a **maximum three-phase power of 49.5 kVA (39.6 kW)** and a **continuous three-phase power of 45 kVA (36 kW)**, ensuring high and consistent performance.

At the heart of this generator beats a **PERKINS 1103A-33TG1 Diesel** engine with 3 cylinders and 3300 cm<sup>3</sup> of displacement, water-cooled and with mechanical speed governor, which operates at 1500 rpm to optimize efficiency and durability. The starter is electric, for quick and effortless starting.

The self-excited, brushless alternator is 4-pole and integrates an **AVR (Automatic Voltage Regulator)**, ensuring a stable voltage of 400 V and a frequency of 50 Hz, essential for the protection of your equipment.

Designed for practicality and comfort, this **49.5 kVA AVR EU Stage Zero Silenced Generator Set** is designed to be super quiet, with a sound pressure level of just **69 dB(A) at 7 meters**, making it ideal for contexts where noise reduction is crucial. With a 100-liter fuel tank and a consumption of 5.6 L/h at 75% load, it offers a remarkable autonomy of approximately 17.8 hours.

With compact dimensions (2000 mm long, 850 mm wide, 1335 mm high) and a dry weight of 930 kg, it is easy to position. The IP44 protection rating guarantees resistance to external agents. It also complies with the **EU Stage Zero emissions regulation**, for a limited environmental impact. To complete the offer, an ATS (Automatic Transfer Switch) switch panel is available as an option for automatic start-up in the event of a power failure.

Technical features:



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Phase type: Single-phase / Three-phase

Maximum three-phase power (KW): 39.6

Continuous three-phase power (KW): 36

Maximum three-phase power (KVA): 49.5

Continuous three-phase power (KVA): 45

Fuel: Diesel

Frequency (Hz): 50

Voltage (V): 400

Socket configuration: Terminal block

Engine: PERKINS 1103A-33TG1

Engine speed (rpm): 1500

Speed governor: Mechanical

Starter: Electric

Displacement (cm<sup>3</sup>): 3300

Number of cylinders: 3

Cooling: Water

Alternator: Self-excited, brushless

Number of poles: 4

Fuel tank capacity (L): 100

Consumption (L/h): 5.6 at 75% load

Autonomy (h): 17.8 at 75% load

Sound pressure: 69 dB(A) at 7 m

Length (mm): 2000

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Width (mm): 850

Height (mm): 1335

Dry weight (Kg): 930

AVR: Yes

Silenced: Yes

Super silenced: Yes

Bore x stroke (mm): 105 x 127

Protection rating: IP44

Product type: Generator set

ATS switch panel: Optional

Voltage regulator: AVR

Engine Brand: Perkins

Emissions Regulation: STAGE ZERO

Automatic panel with AMF8

Alternator: LEROY SOMER

If you are looking for a product with similar characteristics then you can consult the entire range of [generator](#) in our catalog to find the one that best suits your needs.

Images and technical data are not binding. Please always consult the manufacturer's technical data sheet. Manel Service assumes no responsibility for any modifications made by the manufacturer.

#### **Product features:**

Phase: Three phase

Maximum power three phase (KW): 39.6

Continuous power three phase (KW): 36

Maximum power three phase (KVA):

Continuous power three phase (KVA): 45

Fuel: Diesel

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Frequency (Hz): 50  
Voltage (V): 400  
Sockets configuration: Morsettiera  
Engine: KOHLER KDW702  
Emissions Regulations: Stage Zero  
Engine rpm (rpm): 1500  
Speed governor: Mechanical  
Starting system: Elettrico  
Engine capacity (cm<sup>3</sup>): 3300  
Number cylinders: 3  
Cooling: Water  
Alternator: Self-excited, brushless  
Poles: 4  
Protection degree: IP44  
Bore x stroke (mm): 105 x 127  
Fuel tank capacity (L): 100  
Consumption (L/h): 5.6 al 75% del carico  
Running time (h): 17.8 al 75% del carico  
Acoustic pressure: 69 dB(A) at 7 m  
Length (mm): 2000  
Width (mm): 850  
Height (mm): 1335  
Dry weight (Kg): 930  
AVR: Yes  
Silenced: Yes  
Super silenced: Yes  
Product type: Generator  
ATS Switch device : Optional  
Voltage regulator: AVR  
Engine manufacturer: Perkins

