



KOHLER SDMO DIESEL 6000 GENERATOR 4,9KW SINGLE PHASE STAGEV

Product description:

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The KOHLER SDMO DIESEL 6000 generator is equipped with a Diesel Kohler KD15-440E_C5 STAGEV engine, capable of delivering a maximum power of 4.9KW, complete with voltage regulator with capacitor (**Optional AVR**).

The strengths of the generator are: the high quality of the components, the lightness, the compactness, the ease of use and also the modern design. It is equipped with an electric start and has been specially developed to be practical to transport in any circumstance.

The KOHLER SDMO DIESEL 6000 generator is equipped with a larger 27l tank and is characterized by incredibly low consumption, only 1.2 l/h, thanks to which the group will guarantee you an autonomy of about 22 hours of work.

STAGEV EMISSION REGULATIONS

The KOHLER SDMO DIESEL 6000 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

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 SPECIFICATIONS KOHLER SDMO DIESEL 6000:

Phase type: Single phase
Continuous power: 4.45 KVA / 4.45 KW
Maximum power: 4.9 KVA / 4.9 KW
Fuel: Diesel
Voltage: 230 V
Frequency: 50 Hz
Engine: Kohler KD15-440E_C5
Engine speed: 3000 rpm
Emissions standard: StageV
Starter: Electric
Regulator voltage: Condenser (optional AVR)
Consumption: 1.2 Lt/h at 75% of the load
Tank capacity: 27 Lt
Autonomy: 22.55 h at 75% of the load
Sound pressure: 63 dB(A) @ 7m
Length: 990 mm
Width: 615 mm
Height: 960 mm
Weight: 215,50 Kg

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

The images and technical data are not binding, the color of the groupset may vary based on availability.

Product features:

Phase: Single phase
Maximum power single phase (KW): 4.9
Continuous power single phase (KW): 4.45
Maximum power single phase (KVA): 4.9
Continuous power single phase (KVA): 4.45
Fuel: Diesel
Frequency (Hz): 50
Voltage (V): 230
Sockets configuration: 1 x 230V 10/16A 3P | 1 x 230V 16A 3P | 1 x 230V 32A 3P
Engine: Kohler KD15-440E_C5





Emissions Regulations: Stage 5

Engine rpm (rpm): 3000

Starting system: Electric 12 Vcc

Engine capacity (cm³): 442

Number cylinders: 2

Alternator: Synchronous self-excited, with brushes

Fuel tank capacity (L): 27

Consumption (L/h): 1,2 to 75% of the load

Running time (h): 22,5 to 75% of the load

Acoustic pressure: 63 dB(A) at 7 m

Length (mm): 990

Width (mm): 615

Height (mm): 960

Dry weight (Kg): 215,5

Silenced: Yes

Super silenced: Yes

Product type: Generator

ATS Switch device : No

Voltage regulator: Capacitor / AVR (optional)

Engine manufacturer: Kohler