



# MARINE GENERATOR SET KOHLER 21 EKOZD Single-phase 21 kVA 60 Hz

## Product description:

Super-silenced single-phase KOHLER 21EKOZD 21 KVA AVR

Kohler 21EKOZD single phase 21 KVA marine generator with 1500 rpm motor. The KOHLER 21EKOZD single-phase marine generator is built with a soundproof enclosure that makes it **supersilenced**. The KOHLER 21EKOZD single-phase marine generator is built with a 4-cylinder, 4-cycle Kohler diesel-powered engine, closed cooling system with heat exchanger. The alternator of the single-phase KOHLER 21EKOZD is brushless with **AVR** voltage regulator and water-cooled. With its small size, the 21EKOZD is also suitable on boats of various sizes.

## Main Technical Specifications:

Phase Type: Single Phase

Continuous Single Phase Power: 21 KW

Fuel: Diesel

Frequency: 60 Hz

Voltage: 120 V or 120/240 V

Motor: Kohler

Motor RPM: 1800 rpm

Length: 1197 mm

Width: 652.5 mm

Height: 711 mm

Dry weight: 462 Kg

## Features of the KOHLER 21EKOZD

- Class H insulation
- Multi-voltage adjustability
- Voltage adjustment of 1.0%.
- Radio suppression

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## Engine features of the KOHLER 21EKOZD

- Diesel
- Environmental Protection Agency (EPA) certified for compliance with Tier III marine auxiliary standards (60 Hz model only)
- Four cylinders
- Four cycles
- Closed cooling system
- Heat exchanger
- Electric fuel lift pump
- Lifting eyelet
- Low oil pressure shutdown
- High temperature engine shutdown
- Low seawater pressure shutdown
- Vibromount
- Belt guard
- Disposable oil filter
- Oil drain valve
- Disposable fuel filter

## Features of the KOHLER 21EKOZD alternator

- Brushless rotating field design allows power to be obtained from stationary conductors.
- Windings are vacuum-impregnated with epoxy paint for reliability and long life.
- Rotors are dynamically balanced to minimize vibration.
- Copper windings ensure minimal heat buildup. Insulation meets NEMA standards for Class H insulation.
- Connected directly to the motor, the generator features sealed precision ball bearings with a precision machined steel sleeve in the end bracket to prevent shaft misalignment and extend bearing life.
- Mounted on a drip-proof tray.
- Equipped with a four-conductor reconnectable stator.
- Capable of withstanding a line-to-neutral short-circuit current of up to 300% of rated current for up to 2 seconds. (Short circuit performance IEC 60092-301).

Other marine generators such as the KOHLER 21EKOZD can be found by browsing the entire catalog of marine generators.

Pictures and technical data are not binding.

### **Product features:**

Phase: Single phase

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Continuous power single phase (KW): 21  
Continuous power single phase (KVA): 21  
Fuel: Diesel  
Frequency (Hz): 60  
Engine: Kohler  
Engine rpm (rpm): 1800  
Speed governor: Mechanical  
Engine capacity (cm<sup>3</sup>): 2500  
Number cylinders: 4  
Cooling: Water  
Bore x stroke (mm): 88 x 102  
Compression ratio: 17 : 1  
Motor insulation class: H  
Consumption (L/h): 5.26 at 75% of the load  
Length (mm): 1197  
Width (mm): 652.5  
Height (mm): 711  
Dry weight (Kg): 462  
Silenced: Yes  
Super silenced: Yes  
Type of combustion: Direct  
Product type: Generator  
Voltage regulator: AVR  
Engine manufacturer: Kohler