



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

Reference: KOHLER 21 EKOZD 120

### 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

#### 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.

#### Technical Sheet

Phase	Single phase
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

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Silenced	Yes
Super silenced	Yes
Type of combustion	Direct
Product type	Generator
Voltage regulator	AVR
Engine manufacturer	Kohler

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