



## KOHLER 55EFOZDJ Three-phase 69 kVA 50 Hz Marine Generator Set

Reference: 5501512DJ

### Super-silenced KOHLER 55EFOZDJ Marine Generator 69 KVA AVR

Kohler 55EFOZDJ three-phase 69 KVA and single-phase 50 KVA marine generator with 1500 rpm motor. The KOHLER 55EFOZDJ is built with a soundproof enclosure that makes it **supersilenced**. The KOHLER 55EFOZDJ is built with a 4-cylinder diesel-powered John Deere engine. The alternator of the KOHLER 55EFOZDJ marine generator is brushless with **AVR** voltage regulator and water-cooled. With its small size, the 55EFOZDJ marine generator is perfect for installation on boats of various sizes.

#### Technical data:

Phase type: Three-phase  
Three-phase continuous power: 52 KW  
Three-phase continuous power: 69 KVA  
Permanent magnet brushless alternator  
Heat exchanger/ Cooled keel  
Fuel: Diesel  
Frequency: 50 Hz  
Voltage: 110/190 V, 110/220 V, 120/208 V, 115/230 V, 220/380 V, 230/400 V, 240/416 V  
Motor: John Deere  
Electrical system 24v c. c.  
Engine speed: 1500 rpm  
Length: 1690 mm  
Width: 767 mm  
Height: 1015 mm  
Dry weight: 1098 Kg

#### Features of the KOHLER 55EFOZDJ

- The engine is Environmental Protection Agency (EPA) Tier III compliant (60 Hz model only)
- The unique Fast-Responder X excitation system provides excellent voltage response and short-circuit capability using a rare earth permanent magnet excited alternator
- The rotating field brushless alternator has wide range reconnectability
- Remote control connector
- Class H insulation
- Connectable voltage
- Single or three phase reconnectable alternator
- Voltage regulation of  $\pm 0, 5\%$ .
- Frequency adjustment of 0.5%.
- Cooled heat exchanger configuration includes an exhaust curve
- Cooled keel configuration includes a dry exhaust curve

#### Engine features of the KOHLER 55EFOZDJ

- One-sided serviceability of fuel system, lubrication system and air filter
- Low oil pressure cutout
- High water temperature cutout
- Coolant cutout leakage
- Overcrank cutout
- Belt guard
- Optional digital gauge
- Disposable oil filter
- Extended oil drain
- PTO options: 12- or 24-volt electric clutch

#### Kohler 55EFOZDJ alternator features

- Compliant with NEMA MG1, IEEE and ANSI standards for temperature rise and engine starting.
- Able to withstand a line-to-neutral short-circuit current of up to 300% of rated current for up to 2 seconds. Able to withstand sustained short circuit current up to 300% of rated current for up to 10 seconds for 3 phase connections. (Short-circuit performance IEC 60092-301).
- Sustained short-circuit current allowing downstream circuit breakers to trip without collapsing the alternator field.
- Self-ventilated and watertight construction.
- Vacuum-impregnated windings with epoxy paint for reliability and long life.
- Superior voltage waveform from a two-thirds pitch stator and inclined rotor.

If you are looking for marine generators like the KOHLER 55EFOZDJ but with different features you can view the entire catalog of [marine generators](#).

Pictures and technical data are not binding.

#### Technical Sheet

Phase	Single phase / Three phase
Continuous power single phase (KW)	50
Continuous power single phase (KVA)	50
Continuous power three phase (KW)	55
Continuous power three phase (KVA)	69
Fuel	Diesel
Frequency (Hz)	50
Engine	John Deere
Emissions Regulations	Stationary Use
Engine rpm (rpm)	1500
Speed governor	Electronic
Engine capacity (cm <sup>3</sup> )	4500
Number cylinders	4
Cylinders' position	In line
Oil capacity (L)	15
Cooling	Water
Inyección	Direct

Alternator	Permanent magnets
Poles	4
Bore x stroke (mm)	106 x 127
Compression ratio	16 : 1
Motor insulation class	H
Consumption (L/h)	8.74 @ 75%
Length (mm)	
Width (mm)	767
Height (mm)	1015
Dry weight (Kg)	1095
Silenced	Yes
Super silenced	Yes
Brushes	No
PMG	Yes
Input voltage (V)	24
Type of combustion	Direct
Product type	Generator
Type of alternator	Constant Speed
Voltage regulator	AVR
Engine manufacturer	John Deere