



# KOHLER 80EFOZDJ Three-phase 100 kVA 50 Hz Marine Generator Set

## Product description:

### **Kohler 80EFOZDJ Super-silenced 100 KVA AVR Marine Generator**

KOHLER 80EFOZDJ is a 100 KVA three-phase marine generator with 1500 rpm motor and parallel switchgear. The KOHLER 80EFOZDJ marine generator is built with a soundproof aluminum enclosure that makes it **supersilenced**. The KOHLER 80EFOZDJ marine generator is built with a 4-cylinder diesel-powered John Deere engine. The alternator of the KOHLER 80EFOZDJ marine generator is brushless with **AVR** voltage regulator and water-cooled. Suitable for parallel mounting on large boats.

### **Technical data KOHLER 80EFOZDJ:**

Phase type: Three-phase

Three-phase continuous power: 80 KW

Three-phase continuous power: 100 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 12v or 24v c. c.

Engine RPM: 1500 rpm

Length: 1829 mm

Width: 831 mm

Height: 1032 mm

Dry weight: 1320 Kg

Inline type, 4 cycle

Number of cylinders 4

Inspiration Turbocharged and aftercooled

Displacement, L (cu. in.) 4.48 (273)



Bore and stroke, mm (in.) 107 x 127 (4.21 x 5.00)  
Compression ratio 16.7: 1  
Combustion system Direct injection  
Nominal RPM 1800 1500  
Maximum power at nominal RPM, HP 148 120  
Cylinder block material Cast iron  
Cylinder head material Cast iron  
Pistons 2 compression rings/1 oil  
Crankshaft material Forged steel  
Twin rod material Forged steel  
Governing type Electric isochronous

#### Features of the KOHLER marine generator

- Aluminium soundproof cabin
- 5" Acqualift exhaust silencer
- DEC3500+ Controller and digital display with full monitoring of all alarms and functions in AC DC including also Fail Safe circuit, interface with on-board computer and ModBus connection
- Overspeed and overvoltage protection
- Exhaust gas separator 5"
- Power circuit breaker
- Control system with pre-alarm and alarm-ù- Stop system for BPO, ATA and overspeed
- Cooled exhaust curve
- Exchanger water level alarm
- Oil level alarm in sump
- Crank-vent oil vapour separator
- New model supports, Focused Mounts
- Insulated Poles Kit
- Manual and automatic parallel predisposition kit installed and tested on our test bench (excluding components of the control panel). test bench (excluding components for the parallel panel)
- Double cased diesel pipes as per specific classification body.

If you are looking for marine generators like the KOHLER 80EFOZDJ but with different features you can see the entire catalog of [marine generators](#).

Images and technical data are not binding.

#### **Product features:**

Phase: Three phase

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Continuous power three phase (KW): 80  
Continuous power three phase (KVA): 100  
Fuel: Diesel  
Frequency (Hz): 50  
Engine: John Deere  
Emissions Regulations: Tier III  
Engine rpm (rpm): 1500  
Speed governor: Electronic  
Engine capacity (cm<sup>3</sup>): 4480  
Number cylinders: 4  
Cylinders' position: In line  
Cooling: Water  
Inyección : Direct  
Alternator: Permanent magnets  
Poles: 4  
Bore x stroke (mm): 106 x 127  
Compression ratio: 16.7:1  
Motor insulation class: H  
Consumption (L/h): 18.54 @ 75%  
Length (mm): 1830  
Width (mm): 830  
Height (mm): 1032  
Dry weight (Kg): 1032  
Silenced: Yes  
Super silenced: Yes  
Brushes: No  
PMG: Yes  
Input voltage (V): 12 or 24  
Type of combustion: Direct  
Product type: Generator  
Type of alternator: Constant Speed  
Voltage regulator: AVR  
Engine manufacturer: John Deere

