

# DECISION-MAKER. 3500

Marine Generator Controller



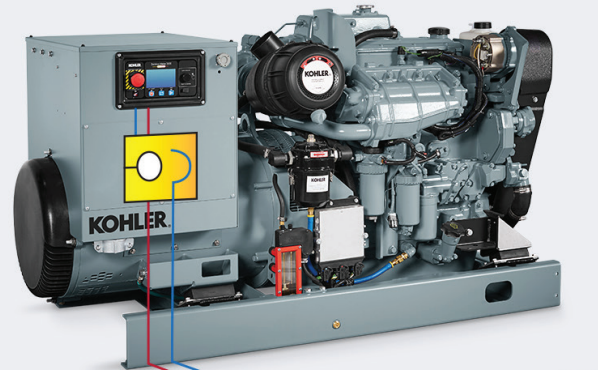
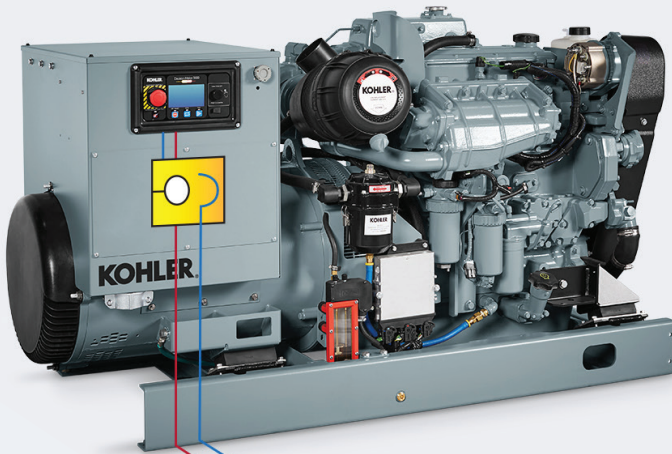
**KOHLER**  
IN POWER. SINCE 1920.

# ADVANCED PARALLELING TECHNOLOGY

SO YOU NEVER NEED TO BUY  
OVERSIZED GENERATORS AGAIN.

*Port Generator*

*Starboard Generator*



-  Motorized Circuit Breaker
-  Paralleling Wires
-  AC Wiring
-  Voltage & Speed Bias Wires

# DEC3500

## MARINE GENERATOR CONTROLLER

We created the world's first and only commercial marine generators with factory-installed, pre-tested paralleling controllers and automatic voltage regulators.\*

Our Decision-Maker 3500 controller eliminates the need for expensive, oversized switchgear—and allows you to parallel up to eight KOHLER generators (all 14kW-500kW models). That's up to 4 megawatts of power!

Not only that, our new controllers feature auto-transfer functionality. If one generator is in trouble, the second generator senses the problem, starts up and takes on the load—automatically. You won't lift a finger. Your boat will never be 'dead' in the water. And you can keep your business in business.



\*Patents and certifications pending.

### FEATURES

#### INSTANT AUTOMATIC TRANSFER

- Meets Subchapter M requirements for new boat builds
- If generator one fails, generator two automatically starts and carries the load
- Automatic transfer occurs between generators in less than 15 seconds
- No switchgear or transfer switches required
- Offered with ABS

#### AUTOMATIC PARALLELING

All Decision-Maker 3500 controllers are equipped with auto-transfer functionality. When the first generator's load is light, the second generator automatically drops off. When the load is heavy, the second generator automatically comes online to provide the power needed to carry the load. Or if one generator is in trouble, the second generator senses the problem, starts up and takes the load automatically.

#### REPOWER-READY

The Decision-Maker 3500 is compatible with existing systems, so repowers are easier than ever. When wired for V-bias/S-bias inputs or droop, it can parallel with existing load-share modules for even more installation options.

#### REMOTE MONITORING

Monitor and control your generators from your boat's existing monitoring system. Or enjoy a more comprehensive experience with generator-specific monitors from Kohler.

#### PROPER ENGINE COMBUSTION

Our electronically controlled high-pressure common rail fuel system provides just the right amount of fuel at just the right time.

ALARM SILENCE / LAMP TEST



OFF / RESET



AUTO



RUN



## DECISION-MAKER 3500 CONTROLLER

- Standard on all KOHLER marine generators (14-500 kW)
- Can be used as simple start/stop controller or in paralleling (PGEN) applications
- Combines both controller and voltage regulation into one device
- Easy to replace—just four screws and a plug. Software transfers easily from one controller to the next

## FEATURES

### PGEN CONNECTION

- A single communication wire parallels two or more KOHLER generators for maximum power potential
- Available in single phase or 3-phase
- Allows you to mix and match kW nodes on any model above 14kW
- 14-24kW – motor operator is remote mounted
- 40-500kW – motor operator is mounted on the junction box (or remote as an option)
- Allows you to mount a switch that manually parallels two gensets together and then switch off to standard system
- In addition to paralleling, it allows you to run each generator individually as well
- Requires 24V to work
- Options needed: breaker, motor operator, communication cable and optional remote digital display and harness

### CORROSION AND VIBRATION PROTECTION

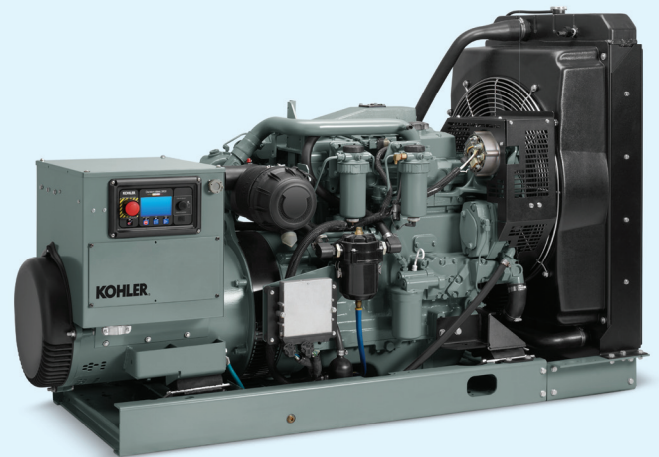
Fully potted circuit boards and sealed connectors protect the controller and alternator from marine environmental conditions and heavy vibration.

### KOHLER-MADE

Nearly every component is designed, built and serviced by Kohler. Just the way it should be.

## KOHLER® COMMERCIAL MARINE GENERATORS

- Tier 3 engines available on 6-200 kW models
- ABS available on 55-200 kW models
- Heat exchanger and keel cooling available on 6-500 kW models
- Radiator cooled options available on 55-150kW models (tropical coated radiators available)
- 55-500kW feature tropical coated alternators



- Standard CAN communications built into all controllers
- Isolated grounds optional on 6-40 kW models
- Isolated ground standard on 55-500 kW models
- Additional accessories available on all models, including PTOs, duplex fuel filters, 24V starting
- World's smallest Tier 3 generators available (32 and 40kW: powered by KOHLER diesel engines)  
32kW: single-circuit keel cooling  
40kW: dual-circuit keel cooling

**KOHLER**<sup>®</sup>  
IN POWER. SINCE 1920.

**North America** 800.544.2444

**KOHLERPOWER.COM**

PRINTED IN U.S.A. G12-523 01/20 © 2020 BY KOHLER CO.