

C-SERIES MARINE GENERATORS



KOHLER Marine



C-SERIES MARINE GENERATORS

PREINSTALLED PARALLELING CONTROLLER

THE FIRST OF ITS KIND

The KOHLER® Decision-Maker® 3500 paralleling controller is factory-installed and pre-tested; patents and certifications are pending.

HUGE SAVINGS

The paralleling software is built in, saving you thousands in equipment and installation costs.

INSTANT PARALLELING

P-gen connection parallels two or more KOHLER generators with a single communication wire for maximum power potential. Plus, the Decision-Maker 3500 controller is compatible with existing systems, making repowers easier than ever.

REMOTE MONITORING

Monitor and control generator from anywhere on the vessel – even at multiple locations.

REPOWER-READY

When wired for V-bias/S-bias inputs or droop, the Decision-Maker 3500 controller can parallel with existing load-share modules, providing shipbuilders with even more installation options.

CORROSION PROTECTION

Potted circuit boards and sealed connectors protect the controller against the worst marine environmental conditions.

FEWER FAILURE POINTS

Fewer connections make for better reliability.

KOHLER-MADE

Everything except the engine is designed, built and serviced by Kohler. It's just what you want, just the way it should be.

BUILT-IN LOAD-MANAGEMENT SOFTWARE

NO MORE EXHAUST AND OVER-FUELING ISSUES

With the Decision-Maker 3500 paralleling controller, 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 and provides the power needed to carry the load.

PROPER ENGINE COMBUSTION

Our electronically controlled high-pressure common rail fuel system provides just the right amount of fuel at just the right time to dramatically reduce the effects of poor performance (cylinder wall glazing, engine slobber, etc.)

UPFRONT MONEY SAVINGS

No need for expensive load banks, exhaust treatment systems or costly repairs. With KOHLER C-Series generators, everything is easier and more cost-effective.



PANEL-MOUNT PARALLELING

- Simply connect generators with an internal P-gen communication wire and communicate up to 100 feet for double the power potential
- Easy-to-read 4.3-inch LED backlit color graphic LCD display
- Functions include bus sensing, first-on logic and synchronization
- Monitor critical power information – voltage, current, frequency, power
- Monitor critical engine information – oil pressure, coolant temperature, fuel flow, runtime, battery voltage
- Monitor analog inputs, warnings and faults
- Remote-start and remote-stop convenience
- Single- and 3-phase paralleling available
- Seamless transfer to shore power
- Two or more gensets can be factory-tested in parallel

UP TO 19% SMALLER FOOTPRINT, 65% LESS VIBRATION*

- Overall footprint is up to 19% (16 in.) shorter, for more power density in a smaller package*
- Easier to install and repower; fits into smaller applications where other generators can't*
- Improved mounts provide up to 65% less vibration*
- Improved access for easier maintenance
- Pre-engineered cooling system packages available in heat-exchanger, radiator and keel-cooled versions

SMALLER, MORE ADVANCED ALTERNATOR**

- KOHLER® Fast-Response® X alternator with 12-lead, multi-voltage reconnectable stators and permanent-magnet exciters are standard
- Electronic isochronous governing is standard (frequency regulation: .5%, voltage regulation: +/- .5%***)
- Premium isolated-ground DC electrical system is standard
- 50 and 60 Hz models available
- Corrosion protection – fully potted and sealed
- Easy maintenance – split activator relocated to front of alternator for easy access

HIGH-PRESSURE COMMON RAIL FUEL SYSTEM

- Available on Tier 3-compliant models
- Manages electrical operating speed for short dips with fast recovery
- An industry best for optimal performance with large loads
- Meets the highest emissions standards in the world

*Compared to previous KOHLER generator models.

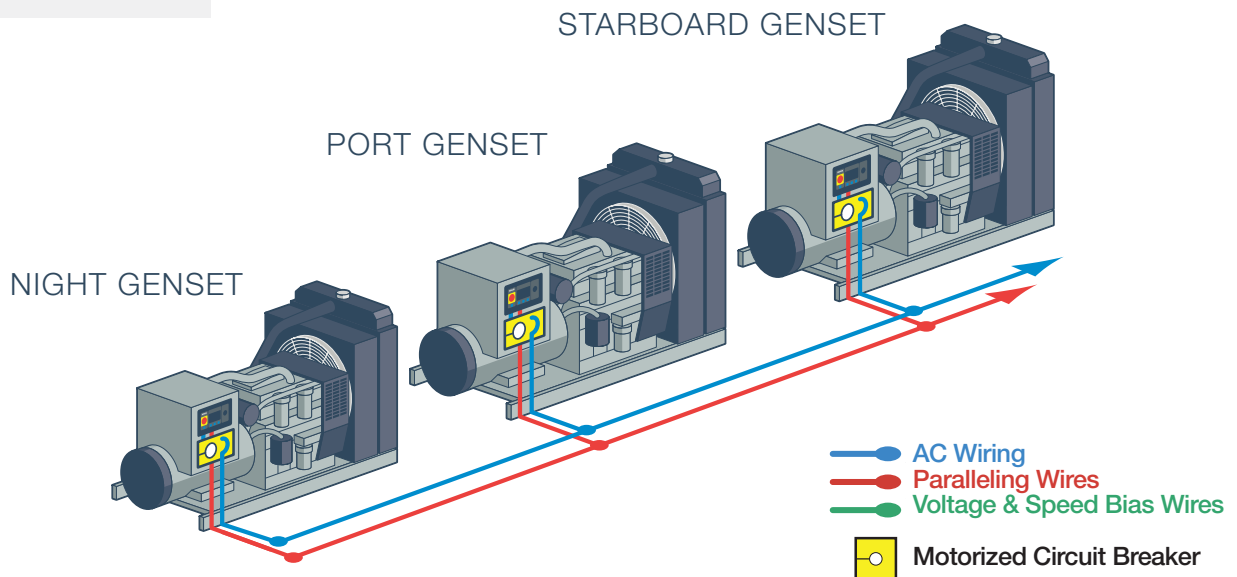
**Compared to previous KOHLER FR2 alternators.

***Except 40EOZDJ/33EFOZDJ and 40EOZCJ/33EFOZCJ models.

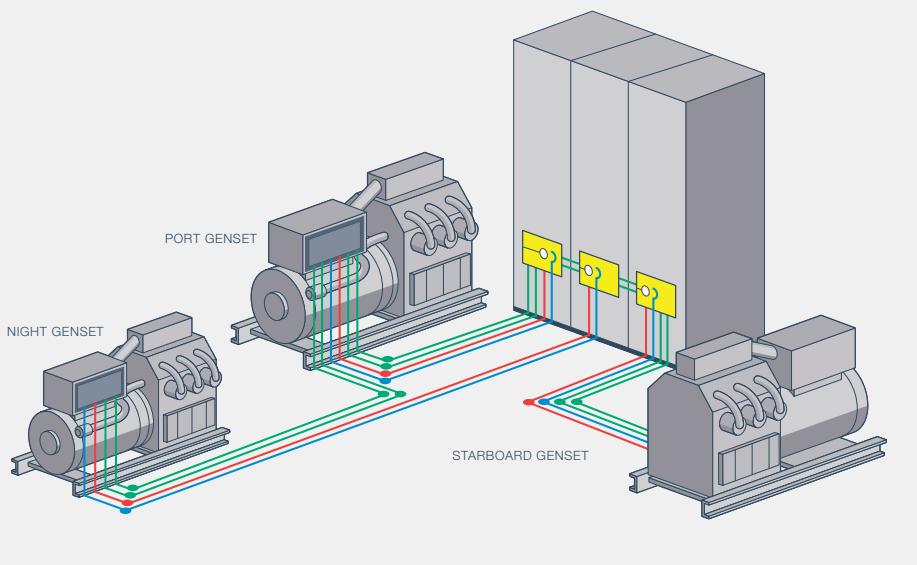
KOHLER® PARALLELING SYSTEM SO ADVANCED, IT'S SIMPLE.

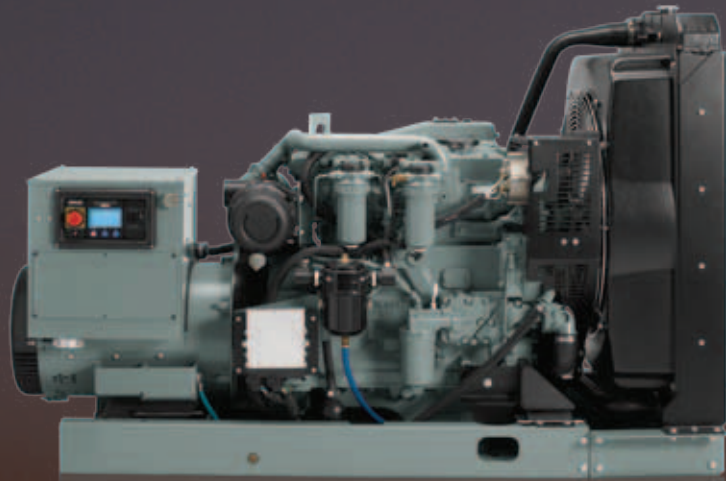
The new KOHLER Decision-Maker® 3500 controllers eliminate the need for oversized switchgear, costly add-ons and complicated installations. Now all you need is a single wire to parallel two or more generators on your boat. No switchgear, no size issues, no problem. It's the first of its kind, and it's only from Kohler.

KOHLER PARALLELING



CONVENTIONAL SYSTEM PARALLELING





THE FIRST AND ONLY

They're up to 19% smaller with 65% less vibration.* And they're the first marine generators with a pre-installed paralleling controller and automatic voltage regulator. But that's just the beginning.

Our new C-Series Tier 3 models feature permanent-magnet exciters, electronic (isochronous) governors and high-pressure common rail fuel systems – all standard equipment. So you'll enjoy an entirely new level of system performance. And as an added bonus, these models also meet the highest global emissions standards.

*COMPARED TO PREVIOUS KOHLER GENERATOR MODELS.

EST. 1922

TAKE COMMAND

WHY KOHLER® MARINE

PROVEN RELIABILITY Every KOHLER marine generator is extensively quality-tested — before model release and before leaving the factory. The result is proven reliability.

NO-HASSLE WARRANTY For one year (with the option to extend to three years), we cover everything. Unlimited hours. No questions asked.

LOCAL AND GLOBAL SUPPORT With more than 800 sales and service locations around the world, we're everywhere you want us to be.

KohlerMarine.com

ISO 9001
KOHLER
POWER SYSTEMS
NATIONALLY REGISTERED

KOHLER POWER SYSTEMS | KOHLER, WISCONSIN 53044

Printed in U.S.A. G12-401 10/13 © 2013 by Kohler Co.
Use of this material for reproduction on the Internet and World Wide
Web is strictly prohibited without written permission from Kohler Co.

KOHLER CO.
EUROPE-MIDDLE EAST-AFRICA

TEL. +31 168 331630
FAX. +31 168 331631

KOHLER CO.
ASIA-PACIFIC

TEL. +65 6264 6422
FAX. +65 6264 6455

KOHLER CO.
AMERICAS AND CARIBBEAN

TEL. 920-565-3381
TEL. 800-544-2444
FAX. 920-459-1646
KohlerMarine.com

KOHLER® Marine