

# MEGA YACHT GENERATORS



**KOHLER**® Marine



SMALLER, QUIETER, LESS VIBRATION\*

WELCOME TO THE NEW REALITY.

\*COMPARED TO PREVIOUS KOHLER GENERATOR MODELS





INTRODUCING THE ALL-NEW CLASS OF KOHLER® MARINE GENERATORS. NOW EQUIPPED WITH OUR NEW FAST-RESPONSE® X ALTERNATORS, OUR GENERATORS ARE UP TO 19% SMALLER AND 75% QUIETER WITH 65% LESS VIBRATION COMPARED TO PREVIOUS KOHLER MODELS.

THIS ADVANCED BREED OF MARINE POWER ALSO INCLUDES OUR PATENTED VIBRATION MOUNTS THAT ABSORB NEARLY ALL TRANSMITTED VIBRATION. SO SUN SEEKERS AND SOJOURNERS ALIKE CAN SOAK IN EVERY MOMENT.

IT'S NOT NORMAL. IT'S THE NEW REALITY.  
AND IT'S ONLY FROM KOHLER MARINE.

# J-SERIES MARINE GENERATORS THE FIRST AND ONLY.

NOT ONLY UP TO 19% SMALLER AND 75% QUIETER, THEY'RE THE FIRST MARINE GENERATORS WITH A FACTORY-INSTALLED, PRE-TESTED PARALLELING CONTROLLER AND AUTOMATIC VOLTAGE REGULATOR. AND THAT'S JUST THE BEGINNING.

WE BUILT IN LOAD-MANAGEMENT SOFTWARE THAT ADDRESSES THE ROOT CAUSE OF FUEL-ON-THE-WATER ISSUES AND THEN DECIDED TO RAISE THE BAR EVEN HIGHER. OUR NEW TIER 3 MODELS FEATURE PERMANENT-MAGNET EXCITERS, ELECTRONIC (ISOCRONOUS) GOVERNORS AND HIGH-PRESSURE COMMON RAIL FUEL SYSTEMS – ALL STANDARD EQUIPMENT, SO YOU'LL ENJOY AN ENTIRELY NEW LEVEL OF SYSTEM PERFORMANCE. AS AN ADDED BONUS, OUR TIER 3 MODELS ALSO MEET THE HIGHEST GLOBAL EMISSIONS STANDARDS.





## PREINSTALLED PARALLELING CONTROLLER

### THE FIRST OF ITS KIND

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 but 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

KOHLER J-Series generators significantly reduce under-loading and over-fueling – the root cause of fuel-on-the-water 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 J-Series generators, everything is easier and more cost-effective.

UP TO 19% SMALL

UP TO 75% QUIET

UP TO 65% LESS VIB

L E R

T E R

R A T I O N \*



\*Compared to previous KOHLER generator models.

# J-SERIES MARINE GENERATORS

## THE REWARDS KEEP COMING.



\*Compared to previous KOHLER generator models.  
\*\*Compared to previous KOHLER alternators.



For most, offering world-first features would be enough. But this is Kohler.

### 1 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

### 2 UP TO 75% QUIETER, 65% LESS VIBRATION\*

- Redesigned sound shield with separate engine and alternator compartments makes it quieter than ever
- Improves air management for up to 75% lower sound levels\*
- Improved mounts provide up to 65% less vibration\*
- Sound shield separates “cool air in” from “warm air out” for improved hot/cold air management and overall performance

### 3 UP TO 19% SMALLER FOOTPRINT\*

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

### 4 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
- Easier maintenance – split activator relocated to front of alternator for easy access

### 5 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**  
POWER SYSTEMS

KOHLER SYSTEMS  
KOHLER

KOHLER® MARINE GENERATORS

# THE BEAUTY OF YOUR NEW REALITY.

## PROVEN RELIABILITY

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

## PREMIUM WARRANTY

We cover the first 2 years, with the option to purchase an additional year.

## GLOBAL SUPPORT

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

**KOHLER®** Marine



KohlerMarine.com



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