

# GENERATORS

for Marine Pleasure Craft



**KOHLER**



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

A woman in a white dress and hat stands on a boat's deck, looking out at a city skyline across the water. The boat is white with a wooden deck. The water is a deep blue-green, and the sky is a pale, hazy blue. The city skyline in the background consists of numerous tall buildings.

## ALWAYS PRESENT NEVER NOTICED

Drift away for a while, and let the waves guide your journey.  
Rest. Relax. Unwind. We've been expecting you.

This is Kohler—a company of craftsmen guided  
by a singular purpose: your experience.  
Those quiet moments filled with peace and comfort.

## BUILT TO BE FORGOTTEN.

On the surface, this philosophy may seem unexpected. But truth be told it's a mission that makes us who we are.

At Kohler, we believe every generator we make—every weld, wire and circuit—is a testament to our quality. That's why our latest marine gensets are smaller and quieter with less vibration than ever before. Intentionally crafted to escape attention.

They are the most advanced, most reliable machines we've ever made—not that you'd notice.



*Technological revolution inspires everything we do—from setting new sound standards to creating the world's most intelligent controller.*



*Our latest marine generators are smaller and quieter with less vibration than previous models. Intentionally designed to go unnoticed.*



## NOW EQUIPPED WITH PEACE AND QUIET.

Our redesigned sound shield—with separate engine and alternator compartments—and improved air management system significantly reduce sound levels. The quiet is all you hear.

# TAKE AWAY VIBRATION. ALL THAT'S LEFT IS COMFORT.

Ask any modern-day mariner, and they'll tell you there is a magic at sea that trumps the lure of a million landlocked destinations. Out here your escape is fully realized, where delight arrives with dawn and neither deadline nor demand can find you.

On a pleasure craft, comfort is king, and vibration an unwelcome guest. That's why we go to great lengths to ensure the only thing you feel from your generator is peace of mind.

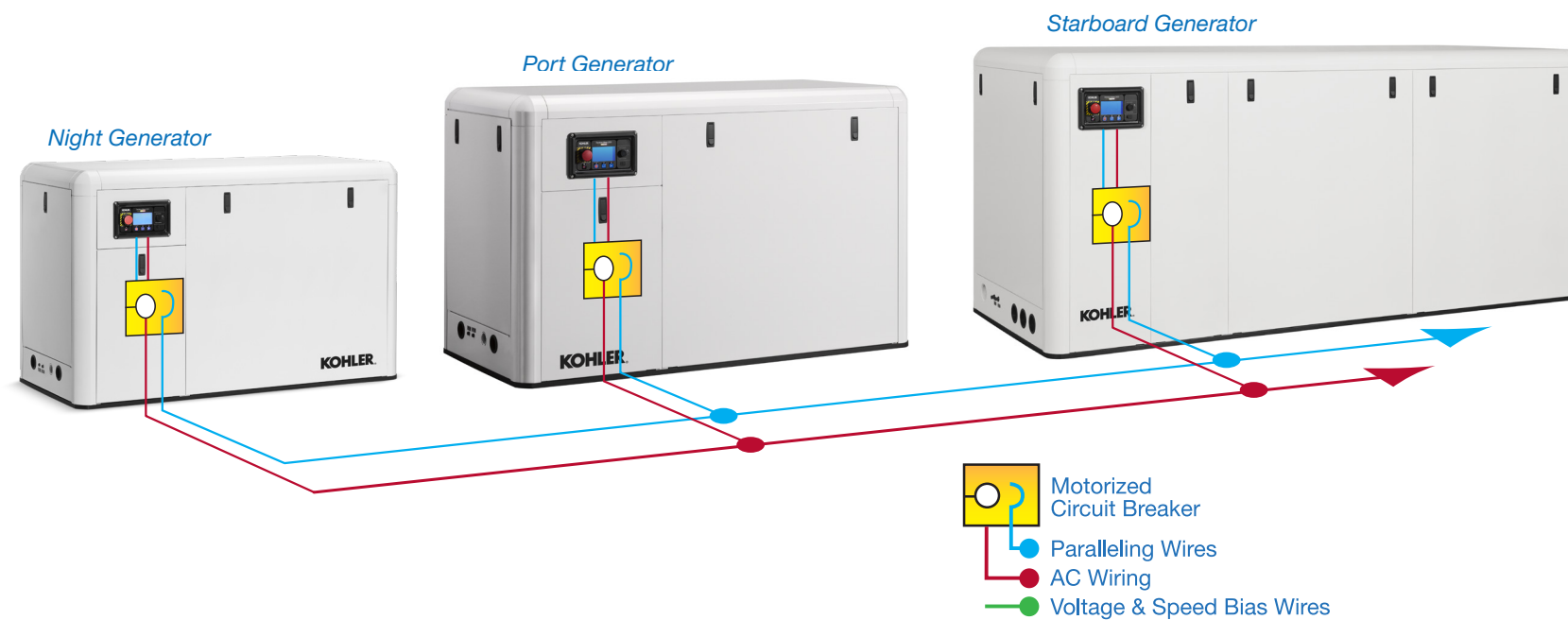
*Our proprietary vibration mount cushions the engine as it moves to eliminate vibration. It's what separates our marine generators from all others.*



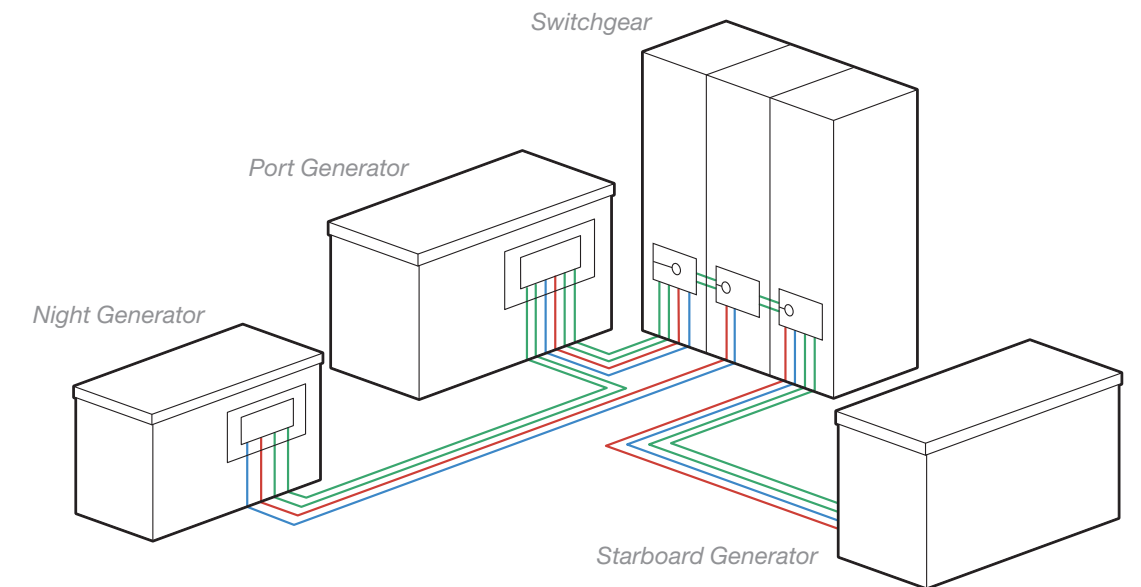
# THE FIRST AND ONLY.

We created the first marine generators with built-in paralleling controllers.\* Why?  
To provide an integrated generator network that gives you power when you need it most.

## KOHLER PARALLELING



## STANDARD PARALLELING



## THE WORLD'S MOST INTELLIGENT GENERATOR SYSTEM



### HUGE SAVINGS

Our revolutionary KOHLER® Decision-Maker® 3500 eliminates the need for oversized switchgear, costly add-ons and complicated installations. Built-in load-management software eliminates overfueling issues and the need for exhaust treatment systems.

### 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.

### INSTANT PARALLELING

PGEN connection parallels up to eight KOHLER generators of varying sizes with a single communication wire for maximum power potential. 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. Gensets can be factory-tested in parallel.

### REMOTE MONITORING

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

### CORROSION PROTECTION

Fully potted circuit boards and sealed connectors protect the controller and alternator from marine environment conditions.

### PROPER ENGINE COMBUSTION

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

### SMALLER SIZE

KOHLER generators are more space-conscious than ever before. By developing our advanced paralleling system, we eliminated the need for bulky, oversized switchgear.

### FEWER FAILURE POINTS

Fewer failure points mean better reliability.

# LOOK CLOSELY, AND YOU'LL FIND INNOVATION IN EVERY DETAIL.



## 1 KOHLER. DECISION-MAKER. 3500 CONTROLLER

- Easy-to-read 4.3-inch LED backlit color graphic LCD display
- Functions include bus sensing, first-on logic and synchronization
- Monitors critical power information—voltage, current, frequency, power
- Monitors critical engine information—oil pressure, coolant temperature, fuel flow, runtime, battery voltage
- Monitors analog inputs, warnings and faults
- Remote-start and remote-stop convenience
- Single- and 3-phase paralleling available
- Seamless transfer to shore power

## 2 QUIETER, WITH LESS VIBRATION\*

- Redesigned sound shield with separate engine and alternator compartments
- Improved air management for lower sound levels\*
- Improved mounts provide less vibration\*
- Sound shield separates “cool air in” from “warm air out” for improved hot/cold air management and overall performance

## 3 SMALLER FOOTPRINT\*

- Overall footprint is 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
- 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, multivoltage reconnectable stators and permanent-magnet exciter is 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
- Easier maintenance—split activator relocated to front of alternator for easy access

## 5 HIGH-PRESSURE COMMON RAIL FUEL SYSTEM

- Dramatically reduces the effects of poor performance (cylinder wall glazing, engine slobber, etc.)
- 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

## 6 SINGLE-SIDE SERVICE PANEL

- Get easy access to every maintenance touchpoint in one convenient location

## 7 GENUINE PARTS

- All KOHLER aftermarket parts are tested to the highest standards and available quickly
- Consumables including oil, filters, batteries, spark plugs and more are designed specifically for KOHLER generators to keep them operating at peak performance

\*Compared to previous KOHLER generator models.

†Compared to previous KOHLER FR2 alternators.

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





Generator Model	kW*	Hz	Cylinder	RPM	Phase	Voltage	Amps	Length x Width x Height mm (in)			Weight (Wet) kg (lb)
								H - Housed / U - Unhoused / R - Radiator			
33EFOZDJ	33	50	4	1500	3	110 / 190	125	H - 1633 (64.3) x 767 (30.2) x 1015 (39.9) U - 1524 (60) x 722 (28.4) x 960 (37.8) R - 1858 (73.2) x 827 (32.6) x 1265 (49.8)	H - 1025 (2260) U - 935 (2060) R - 957 (2110)*		
						110 / 220	108				
						115 / 230	143				
						220 / 380	63				
						230 / 400	60				
40EFOZDJ	40	50	4	1500	3	110 / 190	152	H - 1633 (64.3) x 767 (30.2) x 1015 (39.9) U - 1549 (60.9) x 738 (29) x 961 (37.8) R - 1884 (74.2) x 827 (32.5) x 1265 (49.8)	H - 1080 (2380) U - 971 (2140) R - 993 (2190)*		
						110 / 220	131				
						115 / 230	174				
						220 / 380	76				
						230 / 400	72				
50EFOZDJ	50	50	4	1500	3	110 / 190	190	H - 1690 (66.5) x 767 (30.2) x 1015 (39.9) U - 1606 (63.2) x 738 (29) x 961 (37.8) R - 1941 (76.4) x 827 (32.5) x 1265 (49.8)	H - 1114 (2456) U - 1005 (2216) R - 1028 (2266)*		
						110 / 220	164				
						115 / 230	196				
						220 / 380	95				
						230 / 400	90				
55EOZDJ	55	60	4	1800	3	120 / 208	191	H - 1633 (64.3) x 767 (30.2) x 1015 (39.9) U - 1549 (60.9) x 738 (29) x 961 (37.8) R - 1884 (74.2) x 827 (32.5) x 1265 (49.8)	H - 1090 (2404) U - 982 (2164) R - 1004 (2214)*		
						120 / 240	165				
						120 / 240	221				
						127 / 220	180				
						139 / 240	165				
45EFOZDJ	45	50	4	1500	3	110 / 190	171	H - 1633 (64.3) x 767 (30.2) x 1015 (39.9) U - 1549 (60.9) x 738 (29) x 961 (37.8) R - 1884 (74.2) x 827 (32.5) x 1265 (49.8)	H - 1090 (2404) U - 982 (2164) R - 1004 (2214)*		
						110 / 220	148				
						115 / 230	196				
						220 / 380	86				
						230 / 400	79				
65EOZDJ	65	60	4	1800	3	120 / 208	226	H - 1690 (66.5) x 767 (30.2) x 1015 (39.9) U - 1606 (63.2) x 738 (29) x 961 (37.8) R - 1941 (76.4) x 827 (32.5) x 1265 (49.8)	H - 1125 (2480) U - 1016 (2240) R - 1039 (2290)*		
						120 / 240	195				
						120 / 240	221				
						127 / 220	213				
						139 / 240	195				
55EFOZDJ	55	50	4	1500	3	110 / 190	209	H - 1690 (66.5) x 767 (30.2) x 1015 (39.9) U - 1606 (63.2) x 738 (29) x 961 (37.8) R - 1941 (76.4) x 827 (32.5) x 1265 (49.8)	H - 1125 (2480) U - 1016 (2240) R - 1039 (2290)*		
						110 / 220	181				
						115 / 230	217				
						220 / 380	105				
						230 / 400	95				
80EOZDJ	80	60	4	1800	3	120 / 208	278	H - 1754 (69) x 831 (32.7) x 1032 (40.6) U - 1657 (65.2) x 753 (29.6) x 999 (39.3) R - 1992 (78.4) x 890 (35) x 1277 (50.2)	H - 1270 (2800) U - 1148 (2530) R - 1179 (2600)*		
						120 / 240	241				
						127 / 220	262				
						139 / 240	241				
						277 / 480	120				
70EFOZDJ	70	50	4	1500	3	110 / 190	266	H - 1754 (69) x 831 (32.7) x 1032 (40.6) U - 1657 (65.2) x 753 (29.6) x 999 (39.3) R - 1992 (78.4) x 890 (35) x 1277 (50.2)	H - 1270 (2800) U - 1148 (2530) R - 1179 (2600)*		
						110 / 220	230				
						220 / 380	133				
						230 / 400	126				
						240 / 416	121				
99EOZDJ	99	60	4	1800	3	120 / 208	343	H - 1829 (72) x 831 (32.7) x 1032 (40.6) U - 1732 (68.2) x 753 (29.6) x 999 (39.3) R - 2067 (81.3) x 890 (35) x 1277 (50.2)	H - 1356 (2990) U - 1243 (2740) R - 1275 (2810)*		
						120 / 240	298				
						127 / 220	325				
						139 / 240	298				
						277 / 480	149				
80EFOZDJ	80	50	4	1500	3	110 / 190	304	H - 1829 (72) x 831 (32.7) x 1032 (40.6) U - 1732 (68.2) x 753 (29.6) x 999 (39.3) R - 2067 (81.3) x 890 (35) x 1277 (50.2)	H - 1356 (2990) U - 1243 (2740) R - 1275 (2810)*		
						110 / 220	262				
						220 / 380	152				
						230 / 400	144				
						240 / 416	139				
125EOZDJ	125	60	6	1800	3	120 / 208	434	H - 2205 (86.8) x 971 (38.2) x 1065 (41.9) U - 2068 (81.4) x 893 (35.2) x 1003 (39.5) R - 2466 (97.1) x 1129 (44.5) x 1275 (50.2)	H - 1683 (3710) U - 1515 (3340) R - 1578 (3478)		
						120 / 240	376				
						127 / 220	410				
						139 / 240	376				
						277 / 480	188				
100EFOZDJ	100	50	6	1500	3	110 / 190	380	H - 2205 (86.8) x 971 (38.2) x 1065 (41.9) U - 2068 (81.4) x 893 (35.2) x 1003 (39.5) R - 2466 (97.1) x 1129 (44.5) x 1275 (50.2)	H - 1683 (3710) U - 1515 (3340) R - 1578 (3478)		
						120 / 208	347				
						110 / 220	328				
						220 / 380	190				
						230 / 400	180				
						240 / 416	173				

DIESEL

Generator Model	kW*	Hz	Cylinder	RPM	Phase	Voltage	Amps	Length x Width x Height mm (in)			Weight (Wet) kg (lb)
								H - Housed / U - Unhoused / R - Radiator			
150EOZDJ	150	60	6	1800	3	120 / 208	520	H - 2205 (86.8) x 971 (38.2) x 1065 (41.9) U - 2091 (82.3) x 893 (35.2) x 1003 (39.5) R - 2498 (98) x 1129 (44.5) x 1275 (50.2)	H - 1719 (3789) U - 1551 (3419) R - 1613 (3557)		
						120 / 240	451				
						127 / 220	492				
						139 / 240	451				
						277 / 480	226				
125EFOZDJ	125	50	6	1500	3	110 / 190	474	H - 2205 (86.8) x 971 (38.2) x 1065 (41.9) U - 2091 (82.3) x 893 (35.2) x 1003 (39.5) R - 2498 (98) x 1129 (44.5) x 1275 (50.2)	H - 1719 (3789) U - 1551 (3419) R - 1613 (3557)		
						120 / 208	433				
						110 / 220	409				
						220 / 380	237				
						230 / 400	225				
200EOZDJ	200	60	6	1800	3	120 / 208	694	H - 2661 (104.8) x 1048 (41.3) x 1174 (46.2) U - 2490 (98) x 970 (38.2) x 1086 (42.8)	H - 2147 (4733) U - 2067 (4558)		
						120 / 240	601				
						127 / 220	656				
						139 / 240	601				
						277 / 480	301				
175EFOZDJ	175	50	6	1500	3	110 / 190	665	H - 2661 (104.8) x 1048 (41.3) x 1174 (46.2) U - 2490 (98) x 970 (38.2) x 1086 (42.8)	H - 2147 (4733) U - 2067 (4558)		
						110 / 220	574				
						120 / 208	607				
						220 / 380	332				
						230 / 400	316				
						240 / 416	304				

DIESEL

\*kW rating varies by voltage. Consult the generator spec sheet for more detail.



100kw - 125kw



175kw - 200kw



12kw - 40kw



45kw - 99kw

# THE BEST WAY TO PROTECT YOUR POWER. AND PROTECT YOUR TEAM.

KOHLER® genuine parts are easily accessible, which can reduce customer downtime, improve your

## PEOPLE

Our experienced Aftermarket Parts and Service team is available to answer your questions. Choosing genuine parts provides you with comprehensive support, training and technical assistance straight from the factory.

- Factory training
- On-site technical support
- One point of contact for all your parts and service needs
- Dedicated aftermarket channel support

## PERFORMANCE

We continuously invest in better processes that make your job easier, and we're here to support you in decisions that affect your business.

- Inventory management
- Warranty management
- Lead-time strategy
- Information technology tools

## PARTS

Designed to perform under the toughest environmental conditions, KOHLER genuine parts are built specifically for your generator—and will be available when you need them. They undergo extensive lab and field testing as part of the overall power system to ensure everything works as expected and KOHLER aftermarket parts and consumables – including filters, oil, spark plus and batteries – keep your generator running at peak performance.

- Global sourcing
- Warehousing capabilities
- Enhanced genuine parts portfolio
- Online parts catalog
- Parts technical publications



## SEA SPARES® KIT.

YOU'VE GOT  
THE POWER.  
HERE'S SOME  
EXTRA PROTECTION.

Inside your durable, water-resistant Sea Spares® case are essential service and maintenance parts for your new KOHLER® marine generator.



# WHY KOHLER®

## PROVEN RELIABILITY

Every KOHLER® marine generator is extensively quality-tested—before model release and before leaving the factory.

The result is proven reliability.

## PREMIUM LIMITED WARRANTY

We cover the first two years, with the option to purchase additional years.

## GLOBAL SUPPORT

With nearly 1000 sales and service locations around the world, we're everywhere you go.

## GENUINE PARTS

Our aftermarket parts and consumables are specifically designed for your KOHLER generator to keep it operating at peak performance.

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