

GENERATORS

for Commercial Marine



KOHLER
IN POWER. SINCE 1920.

WE BUILT OUR REPUTATION ON RELIABILITY.

Out on the water, the only thing that matters is reliability. Because everybody knows the money stops as soon as your generator does. That's where we come in.

We're Kohler. And for nearly 100 years, we've built some of the best commercial generators on water. Truth is, we're a lot like you. We're good at what we do. And we make no apologies for it.

Every weld, wire and circuit is a badge of honor. If our craftsmen have touched it, it is good and true. And if our name is on it, it's going to work.



From handcrafted alternators to hand-built controllers, we take pride in building power systems you can depend on.



THEN WE BUILT THE FUTURE.

THE FIRST AND ONLY SINGLE-SOURCE GENERATOR PARALLELING SYSTEM

We created the world's first commercial marine generators with factory-installed, pretested paralleling controllers and automatic voltage regulators.* Everything is automatic and easier to use than ever before.

Instant Auto Transfer/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.

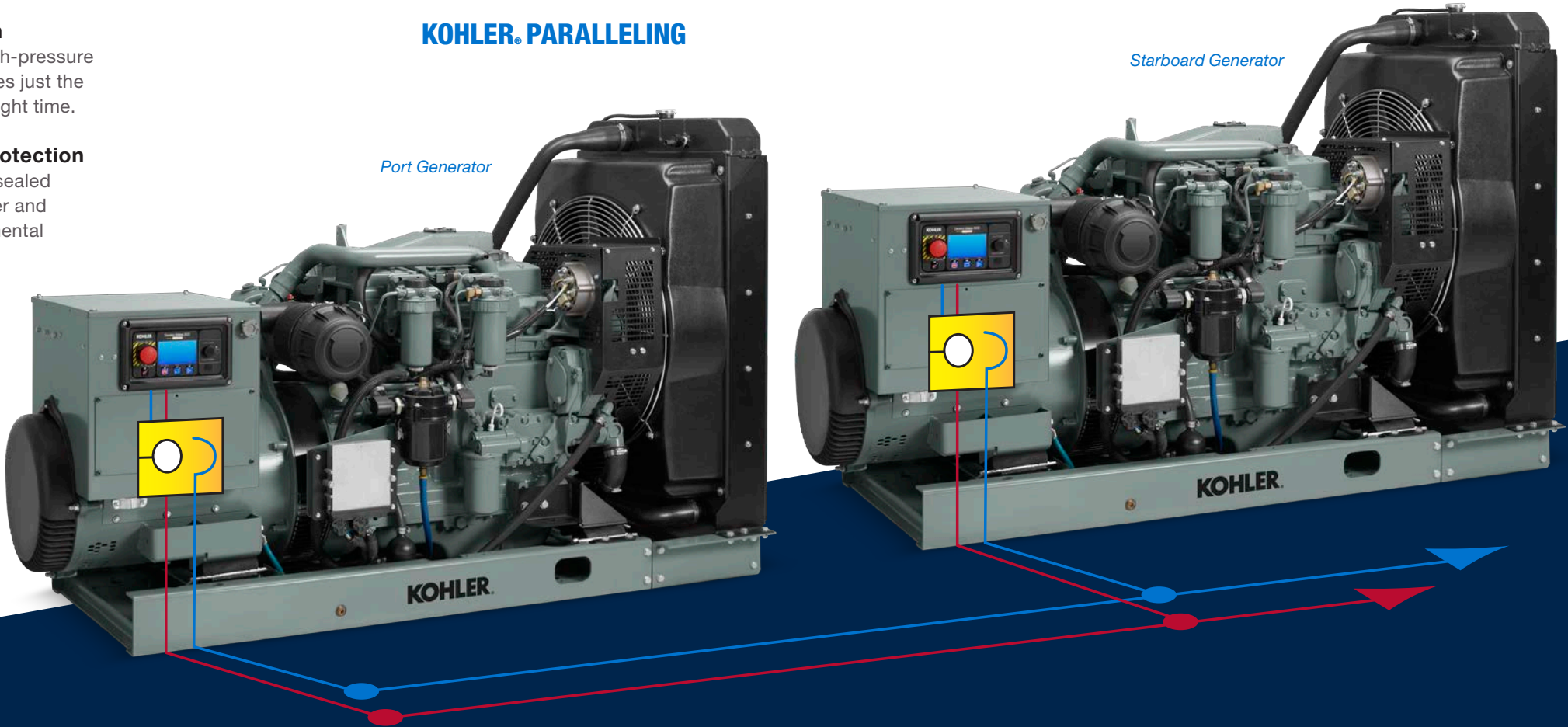
Proper Engine Combustion
Our electronically controlled high-pressure common rail fuel system provides just the right amount of fuel at just the right time.

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

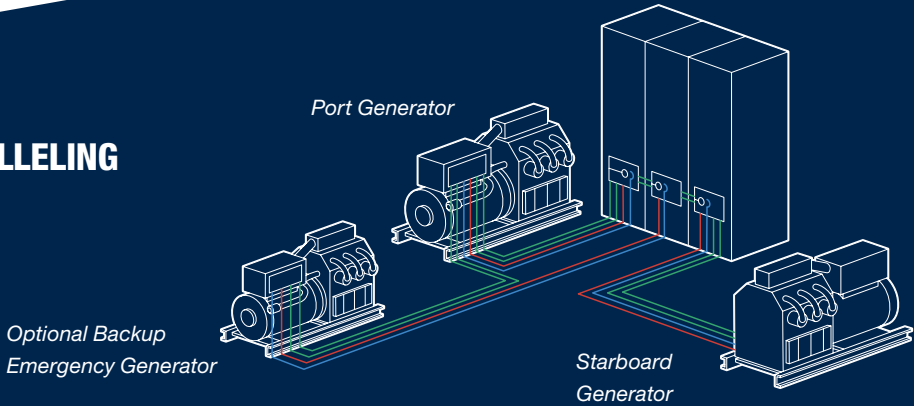
Kohler-Made
Nearly every component is designed, built and serviced by Kohler. Just the way it should be.

*Patents pending and certifications granted

KOHLER PARALLELING



CONVENTIONAL PARALLELING



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

bottom line

IT'S ALL ABOUT YOUR BOTTOM LINE.

At the end of the day, all we care about is
boosting your business. It's that simple.

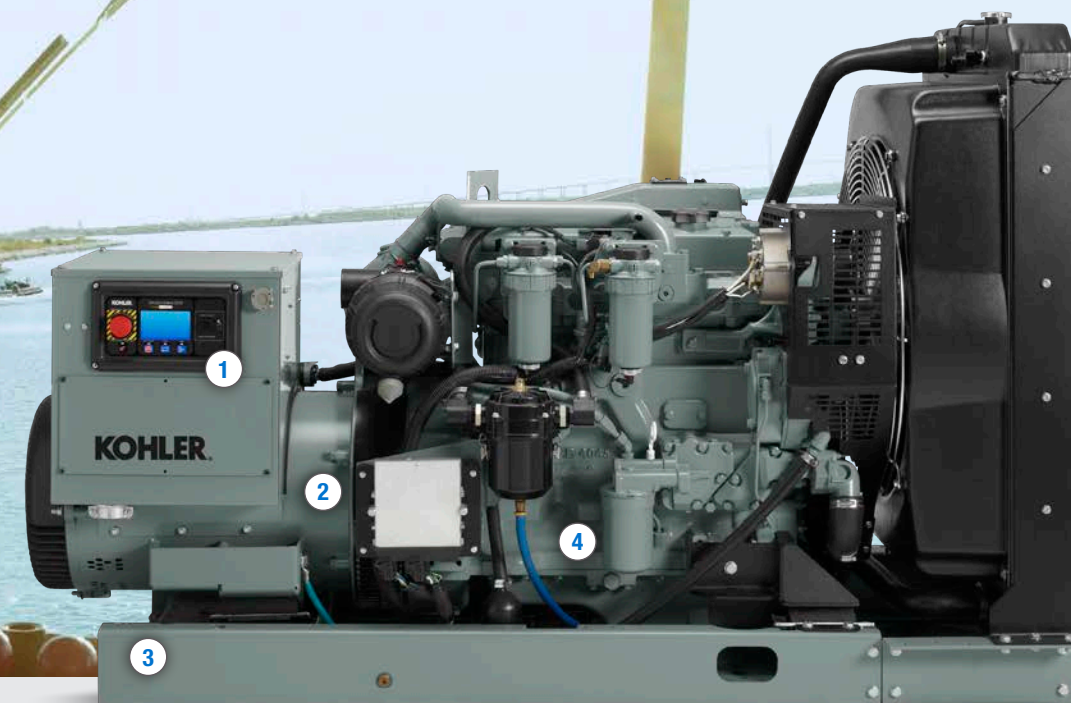
That's why we created the Decision-Maker. 3500 controller.
It eliminates the need for expensive, oversized switchgear,
costly add-ons and complicated installations. Which means
you save big on cost and space.

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.

*Our exclusive paralleling controller features
an easy-to-use digital display. And it's
multilingual, displaying text in English,
Spanish, Arabic, Chinese or Portuguese.*



TAKE A CLOSER LOOK AT THE BENEFITS TO YOUR BUSINESS.



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 SMALLER, MORE ADVANCED ALTERNATOR*

- KOHLER Fast-Response[®] X alternator with 12-lead, multivoltage reconnectable stators and permanent-magnet exciter 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
- Easier maintenance—split activator relocated to front of alternator for easy access

3 SMALLER FOOTPRINT WITH LESS VIBRATION‡

- Overall footprint is 16 inches 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
- Improved mounts provide less vibration[‡]

4 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 emission standards in the world

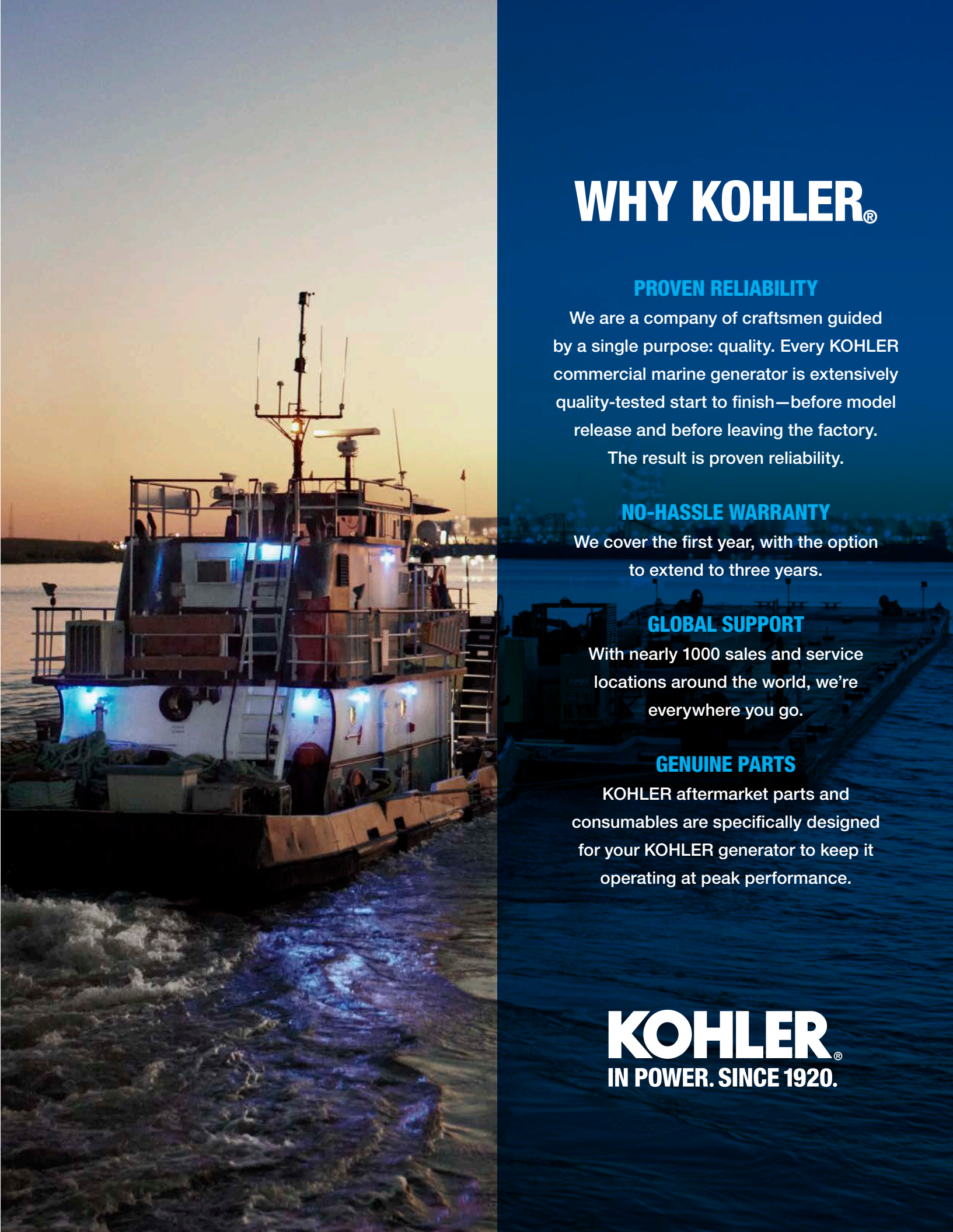
GENUINE PARTS

- All KOHLER aftermarket parts are tested to the highest standards and available quickly
- KOHLER 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 FR2 alternators.
[†]Except 40EOZDJ/33EFOZDJ and 40EOZCJ/33EFOZCJ models.
[‡]Compared to previous KOHLER generator models.

Generator Model*										kW†	Hz	Cylinder	RPM	Phase	Voltage	Amps	Length x Width x Height mm (in) U – Unhoused / R – Radiator		Weight (Wet) kg (lb)
DIESEL	40EOZCJ	40	60	4	1800	3	120 / 208	139	U – 1524 (60) x 722 (28.4) x 960 (37.8) R – 1858 (73.2) x 827 (32.6) x 1265 (49.8)	U – 935 (2060) R – 957 (2110)†									
						1	120 / 240	150											
						3	127 / 220	131											
							139 / 240	120											
						3	277 / 480	60											
							110 / 190	125											
	110 / 220	108																	
	115 / 230	143																	
	33EFOZCJ	33	50		1500	3	220 / 380	63											
						1	230 / 400	60											
							240 / 416	57											
						3	110 / 190	152											
				110 / 220			131												
				115 / 230			174												
	220 / 380	76																	
	40EFOZCJ	40	50	4	1500	3	230 / 400	72											
							240 / 416	69											
						1	115 / 230	174											
							220 / 380	76											
						3	110 / 190	190											
							110 / 220	164											
	50EFOZCJ	50	50	4	1500	3	115 / 230	196											
							220 / 380	95											
						1	230 / 400	90											
							240 / 416	87											
						3	120 / 208	191											
							120 / 240	165											
	120 / 240	221																	
	127 / 220	180																	
	55EOZCJ	55	60	4	1800	3	139 / 240	165											
							277 / 480	83											
						1	110 / 190	171											
							110 / 220	148											
						3	115 / 230	196											
							220 / 380	86											
	230 / 400	79																	
	240 / 416	71																	
	45EFOZCJ	45	50		1500	3	120 / 208	226											
							120 / 240	195											
						1	120 / 240	221											
							127 / 220	213											
				3		139 / 240	195												
						277 / 480	98												
	110 / 190	209																	
	110 / 220	181																	
	65EOZCJ	65	60	4	1800	3	115 / 230	217											
							220 / 380	105											
						1	230 / 400	95											
							240 / 416	89											
						3	120 / 208	278											
120 / 240							241												
127 / 220	262																		
139 / 240	241																		
55EFOZCJ	55	50	1500	3	277 / 480	120													
					110 / 190	266													
				1	110 / 220	230													
					220 / 380	133													
				3	230 / 400	126													
					240 / 416	121													
120 / 208	343																		
120 / 240	298																		
80EOZCJ	80	60	4	1800	3	127 / 220	325												
						139 / 240	298												
					1	277 / 480	149												
						110 / 190	304												
					3	110 / 220	262												
						220 / 380	152												
230 / 400	144																		
240 / 416	139																		
70EFOZCJ	70	50	1500	3	120 / 208	434													
					120 / 240	376													
				1	127 / 220	410													
					139 / 240	376													
				3	277 / 480	188													
					110 / 190	380													
120 / 208	347																		
110 / 220	328																		
99EOZCJ	99	60	4	1800	3	220 / 380	190												
						230 / 400	180												
					1	240 / 416	173												
						120 / 208	520												
					3	120 / 240	451												
						127 / 220	492												
139 / 240	451																		
277 / 480	226																		
80EFOZCJ	80	50	1500	3	110 / 190	474													
					120 / 208	433													
				1	110 / 220	409													
					220 / 380	237													
				3	230 / 400	225													
					240 / 416	217													
120 / 208	695																		
120 / 240	602																		
125EOZCJ	125	60	6	1800	3	127 / 220	657												
						139 / 240	602												
					1	277 / 480	301												
						110 / 190	666												
					3	110 / 220	575												
						220 / 380	333												
230 / 400	316																		
240 / 416	304																		
100EFOZCJ	100	50	1500	3	120 / 208	520													
					120 / 240	451													
				1	127 / 220	492													
					139 / 240	451													
				3	277 / 480	226													
					110 / 190	474													
120 / 208	433																		
110 / 220	409																		
150EOZCJ	150	60	6	1800	3	220 / 380	237												
						230 / 400	225												
					1	240 / 416	217												
						120 / 208	695												
					3	120 / 240	602												
						127 / 220	657												
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125EFOZCJ	125	50	1500	3	110 / 190	666													
					110 / 220	575													
				1	220 / 380	333													
					230 / 400	316													
				3	240 / 416	304													
					120 / 208	695													
120 / 240	602																		
127 / 220	657																		
200EOZCJ	200	60	6	1800	3	139 / 240	602												
						277 / 480	301												
					1	110 / 190	666												
						110 / 220	575												
					3	220 / 380	333												
						230 / 400	316												
240 / 416	304																		
120 / 208	695																		
175EFOZCJ	175	50	1500	3	120 / 240	451													
					127 / 220	492													
				1	139 / 240	451													
					277 / 480	226													
				3	110 / 190	474													
					120 / 208	433													
110 / 220	409																		
220 / 380	237																		

*Commercial models are unhoused. †kW rating varies by voltage. Consult the generator spec sheet for more detail.



WHY KOHLER®

PROVEN RELIABILITY

We are a company of craftsmen guided by a single purpose: quality. Every KOHLER commercial marine generator is extensively quality-tested start to finish—before model release and before leaving the factory. The result is proven reliability.

NO-HASSLE WARRANTY

We cover the first year, with the option to extend to three years.

GLOBAL SUPPORT

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

GENUINE PARTS

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

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