

GENERATORS

for Commercial Marine



AMP

A SAIM Group Company

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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.

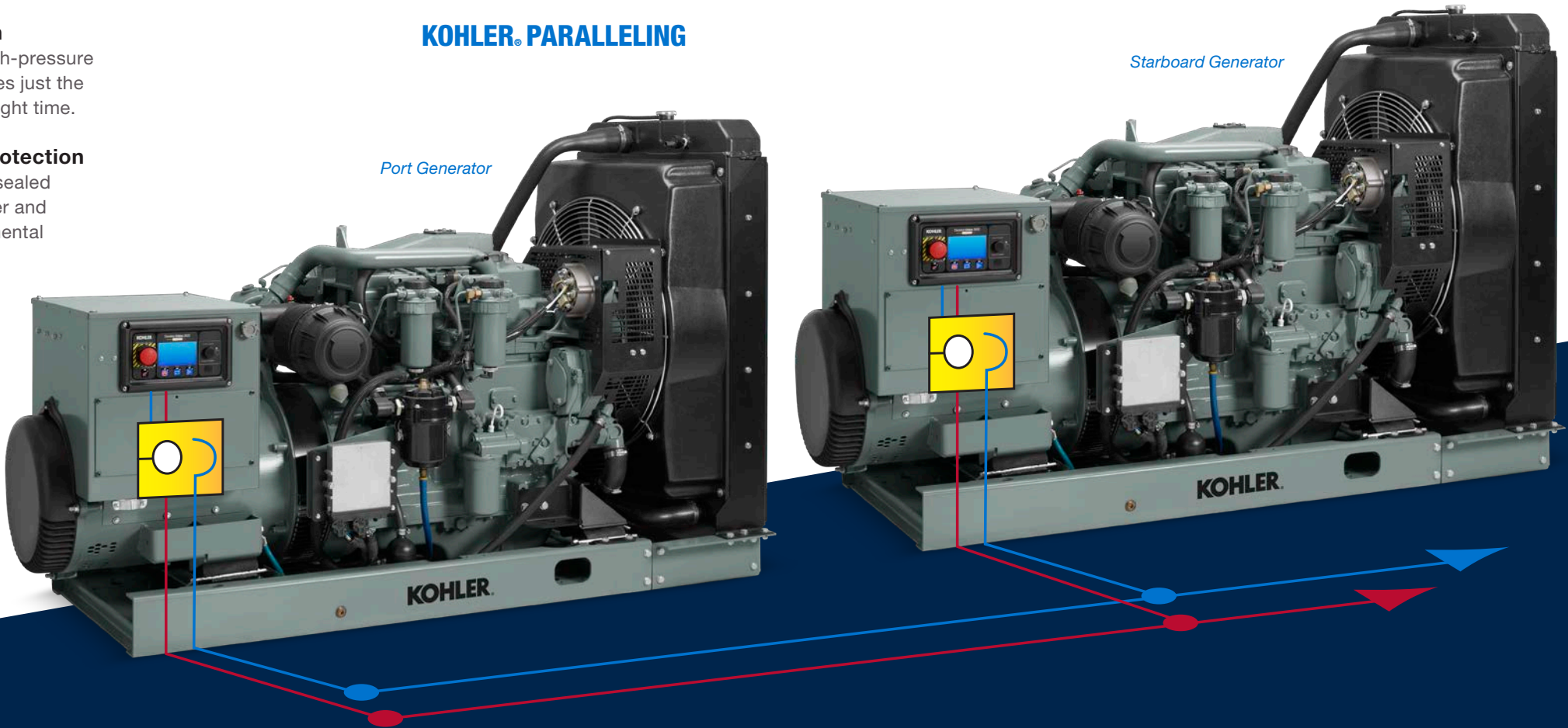
Proper Engine Combustion
Our electronically controlled high-pressure common rail fuel system provides just the right amount of fuel at just the right time.

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

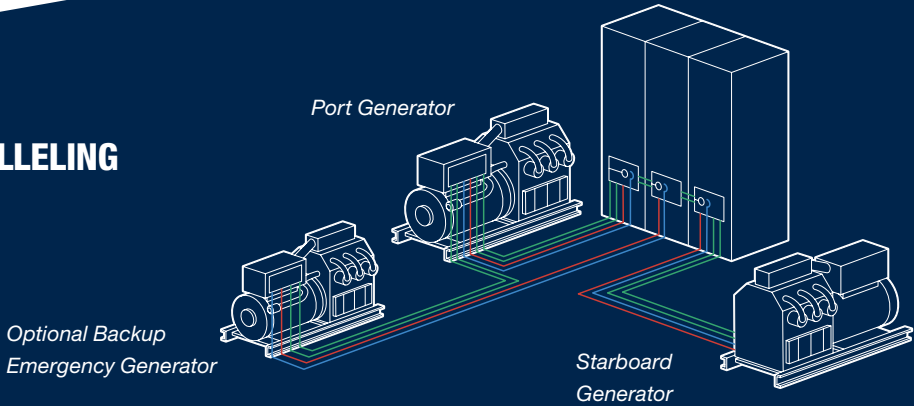
Kohler-Made
Nearly every component is designed, built and serviced by Kohler. Just the way it should be.

*Patents pending and certifications granted

KOHLER® PARALLELING



CONVENTIONAL PARALLELING



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.

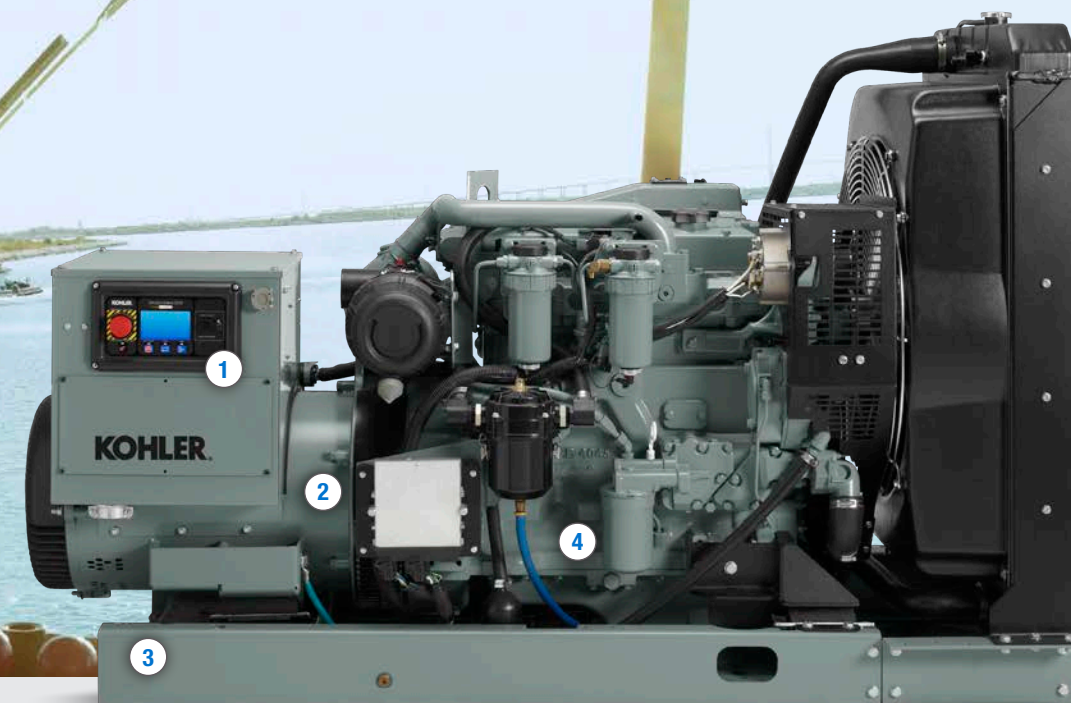
That's why we created the Decision-Maker. 3500 controller.
It eliminates the need for expensive, oversized switchgear,
costly add-ons and complicated installations. Which means
you save big on cost and space.

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

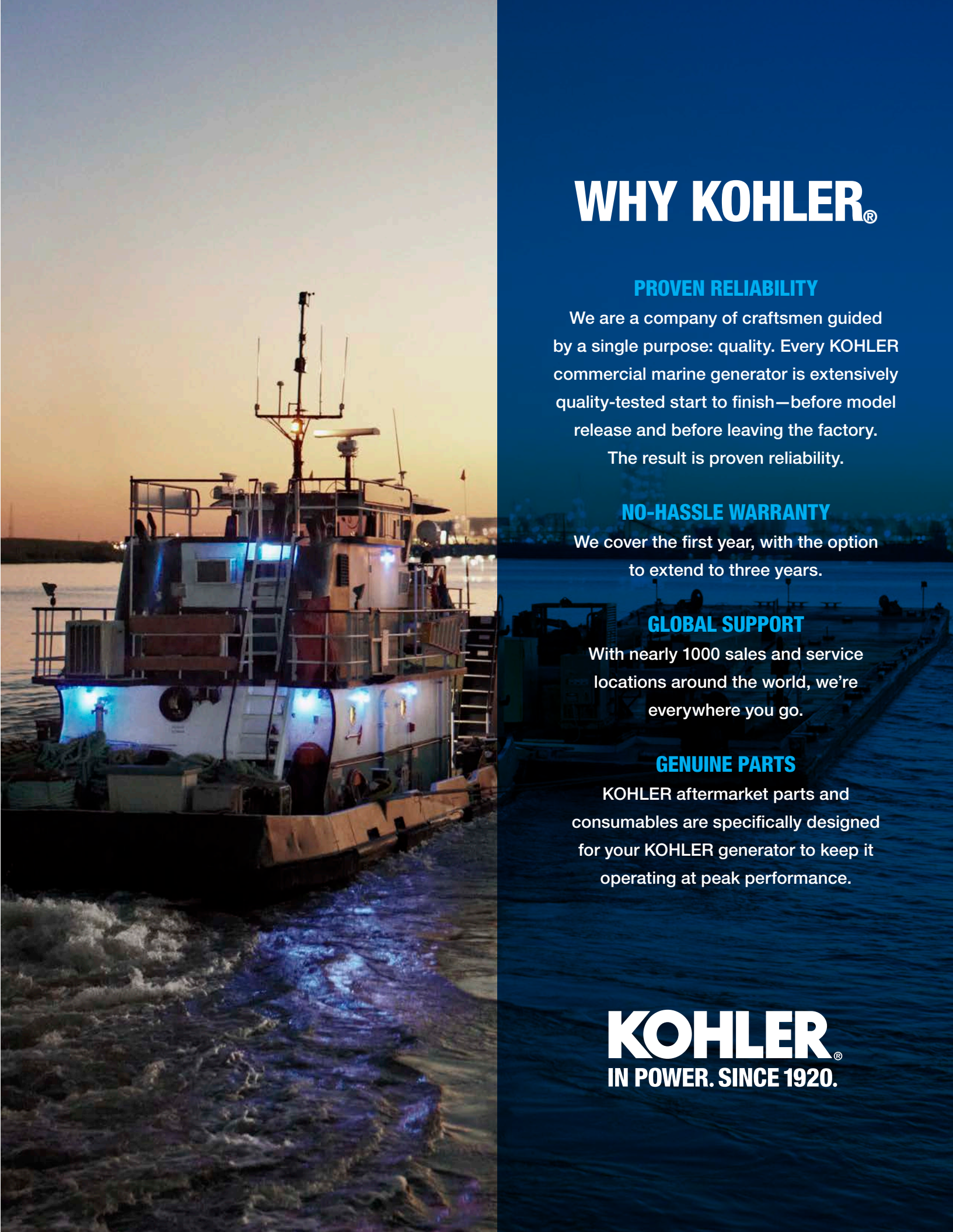
GENUINE PARTS

- 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	120											
						3	127 / 220	150											
							127 / 220	131											
						3	139 / 240	120											
							277 / 480	60											
	33EFOZCJ	33	50	1500	3	110 / 190	125												
					1	110 / 220	108												
						115 / 230	143												
					3	220 / 380	63												
						230 / 400	60												
					240 / 416	57													
	40EFOZCJ	40	50	4	1500	3	110 / 190	152											
						1	110 / 220	131											
							115 / 230	174											
						3	220 / 380	76											
							230 / 400	72											
						240 / 416	69												
	50EFOZCJ	50	50	4	1500	3	110 / 190	190											
						1	110 / 220	164											
							115 / 230	196											
						3	220 / 380	95											
							230 / 400	90											
						240 / 416	87												
	55EOZCJ	55	60	4	1800	3	120 / 208	191											
						1	120 / 240	165											
							120 / 240	221											
						3	127 / 220	180											
							139 / 240	165											
						277 / 480	83												
	45EFOZCJ	45	50	4	1500	3	110 / 190	171											
						1	110 / 220	148											
							115 / 230	196											
						3	220 / 380	86											
							230 / 400	79											
						240 / 416	71												
	65EOZCJ	65	60	4	1800	3	120 / 208	226											
						1	120 / 240	195											
							120 / 240	221											
						3	127 / 220	213											
							139 / 240	195											
						277 / 480	98												
	55EFOZCJ	55	50	4	1500	3	110 / 190	209											
						1	110 / 220	181											
							115 / 230	217											
						3	220 / 380	105											
							230 / 400	95											
						240 / 416	89												
	80EOZCJ	80	60	4	1800	3	120 / 208	278											
120 / 240							241												
127 / 220							262												
139 / 240							241												
277 / 480							120												
110 / 190							266												
70EFOZCJ	70	50	4	1500	3	110 / 220	230												
						220 / 380	133												
						230 / 400	126												
						240 / 416	121												
						120 / 208	343												
						120 / 240	298												
99EOZCJ	99	60	4	1800	3	127 / 220	325												
						139 / 240	298												
						277 / 480	149												
						110 / 190	304												
						110 / 220	262												
						220 / 380	152												
80EFOZCJ	80	50	4	1500	3	230 / 400	144												
						240 / 416	139												
						120 / 208	434												
						120 / 240	376												
						127 / 220	410												
						139 / 240	376												
125EOZCJ	125	60	6	1800	3	277 / 480	188												
						110 / 190	380												
						120 / 208	347												
						110 / 220	328												
						220 / 380	190												
						230 / 400	180												
100EFOZCJ	100	50	6	1500	3	240 / 416	173												
						120 / 208	520												
						120 / 240	451												
						127 / 220	492												
						139 / 240	451												
						277 / 480	226												
150EOZCJ	150	60	6	1800	3	110 / 190	474												
						120 / 208	433												
						110 / 220	409												
						220 / 380	237												
						230 / 400	225												
						240 / 416	217												
200EOZCJ	200	60	6	1800	3	120 / 208	695												
						120 / 240	602												
						127 / 220	657												
						139 / 240	602												
						277 / 480	301												
						110 / 190	666												
175EFOZCJ	175	50	6	1500	3	110 / 220	575												
						220 / 380	333												
						230 / 400	316												
						240 / 416	304												

*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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POWER SYSTEMS
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