

KOHLER® Marine GENERATORS



KOHLER
®



ALWAYS PRESENT,
NEVER NOTICED.

Our craftsmen embrace the Kohler mission of contributing to a higher level of gracious living. Here, an advanced alternator is handcrafted.



DRIFT AWAY FOR A WHILE, AND LET THE WAVES GUIDE YOUR JOURNEY. RELAX. UNWIND. WE'VE BEEN EXPECTING YOU.

WE'RE KOHLER MARINE — A COMPANY OF CRAFTSMEN GUIDED BY A SINGULAR PURPOSE: YOUR EXPERIENCE. THOSE QUIET MOMENTS FILLED WITH PEACE AND COMFORT.

EVERY GENERATOR WE MAKE; EVERY WELD, WIRE AND CIRCUIT IS A TESTAMENT TO OUR QUALITY. IF YOU HAVEN'T CONSIDERED KOHLER BEFORE, IT'S TIME TO DISCOVER WHAT'S MADE TO GO UNNOTICED.

SO QUIET, EVEN WHISPERS TRAVEL WELL.

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.



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





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

OUR PROPRIETARY VIBRATION MOUNT CUSHIONS THE ENGINE AS IT MOVES TO ELIMINATE VIBRATION. IT'S WHAT SEPARATES OUR MARINE GENERATORS FROM ALL OTHERS.



KOHLER marine generators are smaller. Quieter. With less vibration, compared to previous KOHLER generator models. In other words, you won't notice the generator, and that makes all the difference.



WE MAKE ROOM
FOR WHAT MATTERS.



Precision craftsmanship is a hallmark of every marine generator we build. Every component is of uncommon quality. Each assembly gets the same meticulous care.



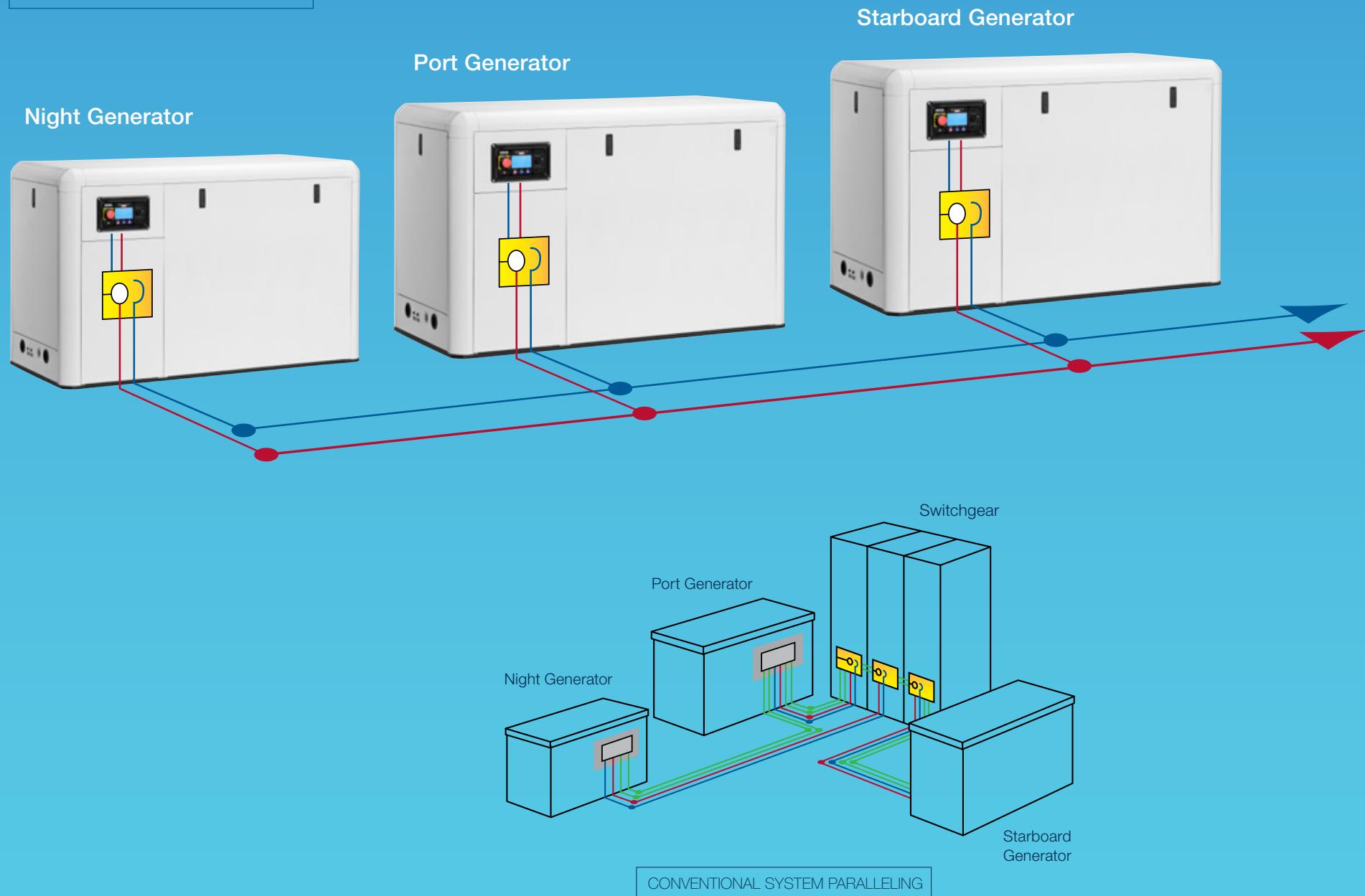
KOHLER® GENERATORS ARE MORE SPACE-CONSCIOUS THAN EVER BEFORE. AND BY DEVELOPING OUR ADVANCED PARALLELING SYSTEM, WE ELIMINATED THE NEED FOR BULKY, OVERSIZED SWITCHGEAR. THAT MEANS SMALLER ENGINE ROOMS AND LARGER LIVING SPACES.



THE FIRST AND ONLY

KOHLER HAS CREATED THE FIRST MARINE GENERATORS WITH FACTORY-INSTALLED, PRE-TESTED PARALLELING CONTROLLERS AND AUTOMATIC VOLTAGE REGULATORS.*

KOHLER PARALLELING



The Decision-Maker® 3500 welcomes you to an entirely new level of system performance. This world-class paralleling controller makes everything easier and more cost-effective.



THE WORLD'S MOST INTELLIGENT GENERATOR SYSTEM

HUGE SAVINGS

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

INSTANT PARALLELING

PGEN connection parallels two or more KOHLER generators 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.

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

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 PROTECTION

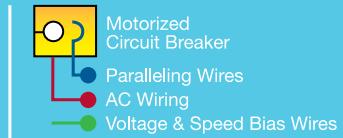
Fully potted circuit boards and sealed connectors protect the controller and alternator from marine environment conditions.

FEWER FAILURE POINTS

Fewer failure points mean better reliability.

KOHLER-MADE

Everything is designed, built and serviced by Kohler. Just the way it should be.



*Patents and certifications pending.

LOOK CLOSELY, AND YOU'LL FIND

INNOVATION IN EVERY DETAIL.



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

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, multi-voltage 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

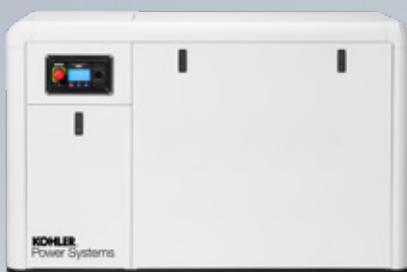
5 HIGH-PRESSURE COMMON RAIL FUEL SYSTEM

- 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

*Compared to previous KOHLER generator models.

**Compared to previous KOHLER FR2 alternators.

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



KOHLER® MARINE GENERATORS

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 2 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.



ALWAYS PRESENT
NEVER NOTICED



ISO 9001
KOHLER
POWER SYSTEMS
NATIONALLY REGISTERED

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MARINE GENERATOR SPECIFICATIONS



KOHLER® Marine

	Generator Model	kW*	Hz	Cyl	RPM	Phase	Voltage	Amps	Length x Width x Height mm (in) (H) Housed (U) Unhoused	Weight kg (lb)
GASOLINE	5EKD	5	60	2	3600	1	120	41	(H) 773 (30.43) x 500 (19.69) x 467 (18.39) (U) 691 (27.20) x 466 (18.35) x 445 (17.51)	129 (285) 118 (260)
	4EFKD	4	50		3000		120/240	20		
	7.5EKD	7.5	60		3600		230	17		
	6EFKD	6	50	2	3000		240	16		
	10EKD	10	60		3600	1	120	62	(H) 773 (30.43) x 500 (19.69) x 467 (18.39) (U) 691 (27.20) x 466 (18.35) x 445 (17.51)	129 (285) 118 (260)
	8EFKD	8	50		3000		120/240	31		
							230	26		
							240	25		
							120	83	(H) 800 (31.49) x 500 (19.69) x 467 (18.39) (U) 717 (28.23) x 466 (18.35) x 445 (17.51)	145 (320) 134 (295)
							120/240	41		
							230	34		
							240	33		
DIESEL	6EKOD	6	60	3	1800	1	120	50	(H) 780 (30.7) x 528 (20.8) x 559 (22) (U) 743 (29.3) x 448 (17.6) x 536 (21.1)	222 (489) 185 (408)
	5EFKOD	5	50		1500		120/240	50/25		
	9EKOZD	8.5	60	3	1800		115/230	43.4/21.7		
	7EFKOZD	7	50		1500		230	21.7		
	11EKOZD	11	60	4	1800	1	240	20.8	(H) 865 (34.1) x 528 (20.8) x 559 (22) (U) 827 (32.6) x 448 (17.6) x 536 (21.1)	249 (549) 211 (465)
	9EFKOZD	9	50		1500		120	50		
	11EKOZD	11	60	4	1800		120/240	50/25		
	9EFKOZD	9	50		1500		115/230	43.4/21.7		
	11EKOZD	11	60	4	1800		230	21.7		
	9EFKOZD	9	50		1500		240	20.8		
	13EOZD	13	60	3	1800	1	120/240	91.7	(H) 960 (37.8) x 528 (20.8) x 559 (22) (U) 922 (36.3) x 448 (17.6) x 536 (21.1)	279 (615) 241 (531)
	11EFOZD	11	50		1500		120/240	91.7/45.8		
	13EKOZD	13	60	3	1800		115/230	78.3/39.1		
	11EFOZD	11	50		1500		230	39.1		
	13EKOZD	13	60	3	1800	1	240	37.5		
	9EFKOZD	9	50		1500		220/380	20.9	(H) 960 (37.8) x 528 (20.8) x 559 (22) (U) 922 (36.3) x 448 (17.6) x 536 (21.1)	280 (617) 242 (533)
	11EKOZD	11	60	4	1800		240/416	19.1		
	9EFKOZD	9	50		1500		120/240	33.1		
	13EKOZD	13	60	3	1800		127/220	36.1		
	11EFOZD	11	50		1500		230/400	16.2		
	13EOZD	13	60	3	1800	1	120/240	108.4/54.2	(H) 1048 (41.3) x 635 (25) x 690 (27.2) (U) 936 (36.9) x 572 (22.5) x 659 (25.9)	332 (735) 297 (655)
	11EFOZD	11	50		1500		115/230	95.7/47.8		
	13EKOZD	13	60	3	1800		230	47.8		
	11EFOZD	11	50		1500		240	45.8		
	13EKOZD	13	60	3	1800	1	120	108	(H) 992 (397) x 601 (23.64) x 711 (27.99) (U) 984 (38.76) x 563 (22.15) x 682 (26.86)	395 (870) 376 (830)
	11EFOZD	11	50		1500		120/240	54		
	13EKOZD	13	60	3	1800		230	48		
	11EFOZD	11	50		1500		240	38		
	13EKOZD	13	60	3	1800	1	120/280	45	(H) 992 (397) x 601 (23.64) x 711 (27.99) (U) 984 (38.76) x 563 (22.15) x 682 (26.86)	395 (870) 376 (830)
	11EFOZD	11	50		1500		120/240	39		
	13EKOZD	13	60	3	1800		120/240	54		
	11EFOZD	11	50		1500		127/220	43		
	13EKOZD	13	60	3	1800		139/240	39		
	11EFOZD	11	50		1500		277/480	20		
	13EKOZD	13	60	3	1800		110/190	42		
	11EFOZD	11	50		1500		115/230	35		
	13EKOZD	13	60	3	1800		115/230	48		
	11EFOZD	11	50		1500		120/208	38		
	13EKOZD	13	60	3	1800	1	230/400	20		
	11EFOZD	11	50		1500		240/416	19		
	13EKOZD	13	60	3	1800		220/380	21		
	11EFOZD	11	50		1500		120/240	125/62.5	(H) 1048 (41.3) x 635 (25) x 690 (27.2) (U) 936 (36.9) x 572 (22.5) x 659 (25.9)	338 (745) 376 (830)
	13EFOZD	13	50	3	1500		115/230	113/56.5		
	15EKOZD	15	60		1800		230	56.5		
	13EFOZD	13	50	3	1500		240	54.2		
	15EKOZD	15	60	3	1800	1	120	125	(H) 1011 (39.8) x 601 (23.64) x 711 (27.99) (U) 1003 (39.49) x 563 (22.15) x 682 (26.86)	395 (870) 376 (830)
	13EFOZD	13	50		1500		120/240	63		
	15EKOZD	15	60	3	1800		230	57		
	13EFOZD	13	50		1500		240	38		

	Generator Model	kW*	Hz	Cyl	RPM	Phase	Voltage	Amps	Length x Width x Height mm (in) (H) Housed (U) Unhoused	Weight kg (lb)
DIESEL	15EKOZD	15	60	3	1800	1 3	120/280	52	(H) 1011 (39.8) x 601 (23.64) x 711 (27.99) (U) 1003 (39.49) x 563 (22.15) x 682 (26.86)	395 (870) 376 (830)
							120/240	45		
							120/240	63		
							127/220	49		
							139/240	45		
							277/480	23		
							110/190	49		
	13EFKOZD	13	50	3	1500	1 3	115/230	41	(H) 1124 (44.25) x 601 (23.64) x 711 (27.99) (U) 1117.1 (43.98) x 563 (22.15) x 682 (26.86)	476 (1050) 440 (970)
							115/230	57		
							120/208	45		
							230/400	23		
							240/416	22		
							220/380	25		
							110/190	62		
							115/230	51		
							115/230	76		
16.5EFKOZD	16.5	50	4	1500	1 3	1 3	120/208	56	(H) 1124 (44.25) x 601 (23.64) x 711 (27.99) (U) 1117.1 (43.98) x 563 (22.15) x 682 (26.86)	476 (1050) 440 (970)
							230/400	30		
							240/416	28		
							220/380	30		
							230	76		
							240	58		
							110/190	74		
							115/230	61		
							115/230	87		
							120/208	66		
17.5EFKOZD	17.5	50	4	1500	1	1	230/400	35	(H) 1124 (44.25) x 601 (23.64) x 711 (27.99) (U) 1117.1 (43.98) x 563 (22.15) x 682 (26.86)	476 (1050) 440 (970)
							240/416	33		
							220/380	38		
							230	87		
							240	77		
							120/240	166.6/83.3		
							115/230	148/74		
20EFOZD	20	60	4	1800	1	1	230	74	(H) 1137 (44.8) x 635 (25) x 690 (27.2) (U) 1049 (41.3) x 578 (22.8) x 659 (25.9)	375 (827) 340 (749)
							240	70.8		
							120/240	191.6/83.3		
							115/230	174/87		
23EOZD	23	60	4T	1800	1	1	230	87	(H) 1137 (44.8) x 635 (25) x 690 (27.2) (U) 1049 (41.3) x 578 (22.8) x 659 (25.9)	387 (853) 352 (776)
							240	83.3		
							120/240	233.4/116.7		
							115/230	108.7		
25EFOZD	25	50	4	1800	1	1	230	108.7	(H) 1295 (51) x 635 (25) x 810 (31.9) (U) 1188 (46.8) x 635 (25) x 767 (30.2)	626 (1380) 581 (1280)
							240	104.2		
							120/240	116.7		
							120/240	84.3		
28EOZD	28	60	4	1800	1	1	139/240	84.3	(H) 1295 (51) x 635 (25) x 810 (31.9) (U) 1188 (46.8) x 635 (25) x 767 (30.2)	626 (1380) 581 (1280)
							277/480	42.1		
							115/230	108.7		
							110/190	95.1		
							115/230	78.5		
							120/208	86.8		
							230/400	45.2		
32EFOZD	32	60	4	1800	1	1	240/416	43.4	(H) 1295 (51) x 635 (25) x 810 (31.9) (U) 1188 (46.8) x 635 (25) x 767 (30.2)	621 (1370) 576 (1270)
							120/240	266.7/133.3		
							115/230	121.7		
							230	121.7		
							240	116.7		
32EOZD	32	60	4	1800	1	1	120/240	133.3	(H) 1295 (51) x 635 (25) x 810 (31.9) (U) 1188 (46.8) x 635 (25) x 767 (30.2)	626 (1380) 581 (1280)
							120/240	96.3		
							139/240	96.3		
							277/480	48.2		
							115/230	117.4		
							110/190	106.5		
							115/230	88		
28EFOZD	28	50	4	1800	1	1	120/208	97.3	(H) 1295 (51) x 635 (25) x 810 (31.9) (U) 1188 (46.8) x 635 (25) x 767 (30.2)	626 (1380) 581 (1280)
							230/400	50.6		
							240/416	48.6		
							120/240	133.3		
							115/230	106.5		

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

"T" in cylinder column stands for "turbocharger."

KOHLER® Marine

Generator Model	kW*	Hz	Cyl	RPM	Phase	Voltage	Amps	Length x Width x Height mm (in) (H) Housed (U) Unhoused	Weight kg (lb)
DIESEL	40EOZDJ	40	60	1800	1 3	120/240	150	(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)	1000 (2205) 910 (2005) 932 (2055)*
						120/208	139		
						120/240	120		
						127/220	131		
						139/240	120		
	33EFOZDJ	33	50	1500	1 3	277/480	60		
						115/230	136		
						110/190	125		
						110/220	108		
						220/380	63		
40EFOZDJ	40EFOZDJ	40	50	1500	1 3	230/400	60	(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)	1052 (2320) 943 (2080) 966 (2130)*
						240/416	57		
						115/230	174		
						110/190	152		
						110/220	131		
	50EFOZDJ	50	50	1500	1 3	220/380	76		
						230/400	72		
						240/416	69		
						115/230	196	(H) 1690 (66.5) x 767 (30.2) x 1015 (33.9) (U) 1606 (63.2) x 738 (29) x 961 (37.8) (R) 1941 (76.4) x 827 (32.5) x 1265 (49.8)	1087 (2396) 978 (2156) 1001 (2206)*
						110/190	190		
55EFOZDJ	55EOZDJ	55	60	1800	1 3	110/220	164		
						139/240	165		
						277/480	83		
						115/230	196	(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)	1063 (2344) 954 (2104) 977 (2154)*
						110/190	171		
	45EFOZDJ	45	50	1500	1 3	110/220	148		
						220/380	86		
						230/400	79		
						240/416	71		
						120/240	221		
65EFOZDJ	65EOZDJ	65	60	1800	1 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)	1098 (2420) 989 (2180) 1012 (2230)*
						120/240	195		
						127/220	213		
						139/240	195		
						277/480	98		
	55EFOZDJ	55	50	1500	1 3	115/230	217	(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)	1234 (2720) 1111 (2450) 1143 (2520)*
						110/190	209		
						110/220	181		
						220/380	105		
						230/400	95		
80EFOZDJ	80EOZDJ	80	60	1800	1 3	220/380	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)	1320 (2910) 1207 (2660) 1238 (2730)*
						120/240	241		
						127/220	262		
						139/240	241		
						277/480	120		
	70EFOZDJ	70	50	1500	1 3	110/190	266	(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)	1234 (2720) 1111 (2450) 1143 (2520)*
						110/220	230		
						220/380	133		
						230/400	126		
						240/416	121		
99EFOZDJ	99EOZDJ	99	60	1800	1 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)	1320 (2910) 1207 (2660) 1238 (2730)*
						120/240	298		
						127/220	325		
						139/240	298		
						277/480	149		
	80EFOZDJ	80	50	1500	1 3	110/190	304	(H) 2205 (86.81) x 971 (38.23) x 1065 (41.92) (U) 2068 (81.43) x 893 (35.16) x 1003 (39.47) (R) 2466 (97.1) x 1129 (44.45) x 1275 (50.2)	1683 (3710) 1515 (3340) 1578 (3478)
						110/220	262		
						220/380	152		
						230/400	144		
						240/416	139		
125EFOZDJ	125EOZDJ	125	60	1800	1 3	120/208	434	(H) 2205 (86.81) x 971 (38.23) x 1065 (41.92) (U) 2091 (82.33) x 893 (35.16) x 1003 (39.47) (R) 2498 (98.0) x 1129 (44.45) x 1275 (50.2)	1719 (3789) 1551 (3419) 1613 (3557)
						120/240	376		
						127/220	410		
						139/240	376		
						277/480	188		
	100EFOZDJ	100	50	1500	1 3	110/190	380		
						120/208	347		
						120/240	328		
						220/380	190		
						230/400	180		
150EFOZDJ	150EOZDJ	150	60	1800	1 3	220/380	520	(H) 2205 (86.81) x 971 (38.23) x 1065 (41.92) (U) 2091 (82.33) x 893 (35.16) x 1003 (39.47) (R) 2498 (98.0) x 1129 (44.45) x 1275 (50.2)	1719 (3789) 1551 (3419) 1613 (3557)
						120/240	451		
						127/220	492		
						139/240	451		
						277/480	226		
	125EFOZDJ	125	50	1500	1 3	110/190	474	(H) 2205 (86.81) x 971 (38.23) x 1065 (41.92) (U) 2091 (82.33) x 893 (35.16) x 1003 (39.47) (R) 2498 (98.0) x 1129 (44.45) x 1275 (50.2)	1719 (3789) 1551 (3419) 1613 (3557)
						120/208	433		
						120/240	409		
						220/380	237		
						230/400	225		
						240/416	217		

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