

Cummins **Onan**



MARINE GENERATORS

Reliably Everywhere So
You Can Be Anywhere



EXPERIENCE THE FULL LINE OF

Marine Generators

QUIET DIESEL™ SERIES



(kW, 50/60 Hz, Model)

4/5 QD MDKBH

6/7.5 QD MDKBJ

7/9 QD MDKBL

7/9 QD MDKBK space saver

9.5/11.5 QD MDKBM

11/13.5 QD MDKBN

13.5/17 QD MDKBP

17.5/21.5 QD MDKBR

19/23 QD MDKBV

22.5/27.5 QD MDKBT

27/32 QD MDKBU

35 QD 50 Hz MDDCK

40 QD 60 Hz MDDCA

40 QD 50 Hz MDDCF

50 QD 50 Hz MDDCG

55 QD 60 Hz MDDCB

65 QD 60 Hz MDDCC

65 QD 50 Hz MDDCH

80 QD 60 Hz MDDCD

80 QD 50 Hz MDDCJ

99 QD 60 Hz MDDCE



The Power of the Voyage...

Reliably Everywhere So You Can Be Anywhere

Decades of innovation...relentless passion for designing and building only the best quality...the largest worldwide support and service network in the industry...Cummins® Onan® Marine Generators power your voyage like no other. Our reputation for reliability, technological excellence and worry-free, clean and quiet operation makes us the global leader in marine generator set production. We're everywhere...so you can be anywhere.

Performance you rely on.™

The Leader in Marine Generators... Worldwide

- Worldwide leader with more than 70 years of marine experience
- Global generator supplier to military, recreational and commercial boaters, including the world's finest yacht builders
- Complete line of Cummins Onan marine generators from 4–99kW
- State-of-the art reliability coupled with quiet, smooth operation
- Extensive global support and distribution network that's there for you, world wide

Voyage to the Horizon of Your Choice

OCTOBER 5



About 80 nautical miles past Gibraltar we experienced some seagoing "adventure"—20 foot swells had us rockin' and rollin' a bit. But this ol' skipper was up to the task and we weathered the seas in fine form. Definitely makes the adventure more enjoyable when you have confidence in your equipment, especially seeing the status of my Cummins Onan generator.

Accurate, timely information empowers you to voyage to the horizon of your choice. The Cummins Onan QD™ Quiet Diesel Series of digitally controlled generator sets not only power your voyage, but deliver smart power with extensive diagnostics. You know what's happening with the touch of a button—like detailed information about generator status and operation that enables confidence in the safety and reliability of your power system. You gain access to this intelligence through a networked



system that frees up valuable space otherwise cluttered with multiple monitoring devices. And the best part is knowing that if you're alerted to any issue, support and service is available worldwide from the world's largest, best-trained certified distributor/dealer network in the industry. Cummins Onan helps you easily and confidently travel the course ahead.

Innovation Far Beyond the Current Horizon

- QD™ Quiet Diesel Series digital 4–99 kW generator models are the first marine generators with self-monitoring capability and network communication
- Electronic control constantly monitors the generator's operation and alerts the user to any potential problems. Status-at-a-glance information includes:
 - Engine and alternator detail
 - AC voltage and frequency
 - Coolant temperature
 - Oil pressure
 - Battery voltage
 - Generator hours
 - Pre-alarm condition alerts
 - Notification and diagnostic message in text upon shutdown
- Highly reliable controls through innovative, proven digital technology
- Multiple generator status network integration options, including SmartCraft Networked™ protocol and SAE J1939 CAN protocol
- Cummins Onan Digital Display standard on 35–99 kW models, and available as an option on other models.





Powerfully Quiet and Clean

So You Can Savor the Journey

Cummins Onan is the global leader in marine power generation due to the highly advanced design and development process no one can match. But it's not just about state-of-the-art engineering for its own sake—Cummins Onan generator sets provide you with peace and quiet so your voyage isn't marred by your equipment. Our precision engineering and superior mechanical integrity set us apart, so you can savor your journey.

Quiet performance is designed and built into each of our products. The optimized mounting system greatly reduces vibration. Cummins Onan marine generator sets are emissions-certified to U.S. Environmental Protection Agency (EPA) emission standards, so your destinations remain pristine for future generations. All alternators, engines, controls and other components work together to provide optimum-quality power, durability, fuel economy and ease of service. So you can enjoy your voyage worry-free.



JULY 4



Brought aboard some local friends we made ashore in Dubai, and they loved the new entertainment center. Didn't occur to them until around midnight that it was powered by our generator and not shore power. Told them it was as simple as two words—Cummins Onan.

www.cummins-onan.com

Unmatched Engineering for an Unmatched Experience

- Cummins Onan Marine Generators are designed and manufactured in ISO 9001 certified facilities
- Designed exclusively for marine applications
- Sophisticated recording equipment, computer analysis systems and vibration-reduction technology pinpoint eliminate noise and movement
- Electronic governor maintains isochronous frequency control and close voltage regulation for the quality power needs of digital appliances and computers



All Cummins Onan Marine Generators go through extensive, noise and vibration testing to ensure you have the quietest generator available.

58 Dealer/Distributors

232 Dealer/Distributors

Set A Course for Anywhere

Cummins Onan Is There

81 Dealer/Distributors

94 Dealer/Distributors

MAY 8



Just tied up at Spanish Cay when our friend Mike comes over and says his generator is acting up. Let him check out our Cummins Onan generator that has performed great from day one. Pulled up the Cummins Onan site and found a dealer so close that Mike and Linda left this morning to refit with a new Cummins Onan generator.

Cummins Onan ensures that whatever course you set, you have the peace of mind of knowing we're there if you need us. The largest worldwide certified support and service network in the business means it's easy to get genuine parts, quality service and expert installation assistance. You can rest assured knowing that Cummins Onan distributor/dealers undergo extensive training and a highly rigorous certification process, resulting not only in worldwide availability but world-class service and support.



Cummins Onan Marine Generators are also backed by a five-year Limited Warranty covering virtually everything but routine maintenance for the first two years of ownership. Parts and labor on major power train and generator set parts are covered during years three through five. Coverage is completely transferable at no charge, and additional extended warranty and maintenance programs are available for an even higher level of confidence and peace of mind.

See www.cumminsonan.com/locator for your nearest distributor/dealer who will provide complete warranty details.

Performance You Rely On










QUIET DIESEL™ SERIES










- Most technically advanced marine generators available
- Reliable products
- Low vibration and noise
- Outstanding performance
- Digital power for your digital world
- Electronic governing for quality power
- Self protective shutdowns
- Extensive diagnostic information
- Largest worldwide distributor/dealer network in the industry

PRODUCT LINE SPECIFICATIONS






Quiet Diesel™ Series

Model	kW	Hz	RPM	Ph	Voltage	Amps	Length x Width x Height, mm (in)		Weight kg (lb) (dry)	
							Unhoused/Housed			
 4/5 QD MDKBH	5	60	2900	1	100	50	Not available unhoused		166 (365)	
	4	50	2400		120	41.7	662 (26.1) x 511 (20.1) x 524 (20.6)			
					120/240	41.7/20/8				
					110/220	36.4/18.2				
					115/230	34.8/17.4				
 6/7.5 QD MDKBJ	7.5	60	2900	1	120	62.5	Not available unhoused		195 (429)	
	6.0	50	2400		120/240	62.5/31.3	664 (26.1) x 583 (22.9) x 535 (21.1)			
					110/220	54.5/27.3				
					115/230	52.2/26.1				
					120/240	50.0/25.0				
 7/9 QD MDKBL	9	60	1800	1	120	75	911 (35.9) x 566 (22.3) x 585 (23.04)	252 (555)		
	7	50	1500		120/240	75/37.5	911 (35.9) x 566 (22.3) x 593 (23.4)	272 (600)		
					110/220	63.6/31.8				
					115/230	60.9/30.4				
					120/240	58.3/29.2				
 7/9 QD MDKBK Space Saver	9	60	1800	1	120	75	823 (32.4) x 479 (18.9) x 560 (22.05)	238 (525)		
	7	50	1500		120/240	75/37.5	Not available housed			
					110/220	63.6/31.8				
					115/230	60.9/30.4				
					120/240	58.3/29.2				
 9.5/11.5 QD MDKBM	11.5	60	1800	1	120	95.8	1033 (40.7) x 566 (22.3) x 585 (23.04)	290 (640)		
	9.5	50	1500		120/240	95.8/47.9	1033 (40.7) x 566 (22.3) x 593 (23.4)	315 (695)		
					110/220	86.4/43.2				
					115/230	82.6/41.3				
					120/240	79.2/39.3				
 11/13.5 QD MDKBN	13.5	60	1800	1	120	112.5	1033 (40.7) x 566 (22.3) x 585 (23.04)	290 (640)		
	11	50	1500		120/240	112/56.3	1033 (40.7) x 566 (22.3) x 593 (23.4)	315 (695)		
					110/220	100/50				
					115/230	95.7/47.8				
					120/240	91.7/46				
 13.5/17 QD MDKBP	17	60	1800	1	120/240	141.7/70.8	1127 (44.4) x 602 (23.7) x 672 (26.5)	377 (830)		
					3	120/208	59.0	1127 (44.4) x 602 (23.7) x 698 (27.5)	404 (890)	
						277/480	25.6			
						240/416	29.5			
						127/220	55.8			
	13.5	50	1500	1		255/440	27.9			
						139/240	51.1			
						120/240	51.1			
						110/220	122.7/61.4			
						115/230	117.4/58.7			
						120/240	112.5/56.3			
						220	61.4			
						230	58.7			
						3	220/380	25.6		
							240/416	23.4		
		110/190	51.3							
		255/440	22.2							
		110/220	44.3							
		230/400	24.4							
		115/200	48.8							
		115/230	42.4							
		120/208	46.9							
		120/240	40.6							







QUIET DIESEL™ SERIES

Model	kW	Hz	RPM	Ph	Voltage	Amps	Length x Width x Height, mm (in)		Weight kg (lb) (dry)		
							Unhoused/Housed				
17.5/21.5 QD MDKBR 	21.5	60	1800	1	120/240	179/89.6	1127 (44.4) x 602 (23.7) x 672 (26.5)	395 (870)			
					120/208	74.6			1127 (44.4) x 602 (23.7) x 698 (27.5)	422 (930)	
				3	277/480	32.3					
					240/416	37.3					
					127/220	70.6					
					255/440	35.3					
	17.5	50	1500	1	110/220	159.1/79.5					
					115/230	152.2/76.1					
				3	120/240	145.8/72.9					
					220	79.6					
19/23 QD MDKBV 	23	60	1800	1	120/240	191.7/95.8	1127 (44.4) x 602 (23.7) x 672 (26.5)	395 (870)			
					120/208	79.8			1127 (44.4) x 602 (23.7) x 698 (27.5)	422 (930)	
				3	277/480	34.6					
					240/416	40					
					127/220	75.5					
					255/440	37.7					
	19	50	1500	1	139/240	69.2					
					120/240	69.2					
				3	110/220	172.7/86.4					
					115/230	165.2/82.6					
22.5/27.5 QD MDKBT 	27.5	60	1800	1	120/240	229/115	1358 (53.5) x 622 (24.5) x 731 (28.8)	565 (1245)			
					120/208	95.4			1358 (53.5) x 622 (24.5) x 761 (30.0)	601 (1325)	
				3	277/480	41.4					
					240/416	47.7					
					127/220	90.3					
					255/440	45.1					
	22.5	50	1500	1	139/240	82.7					
					120/240	82.7					
				3	110/220	205/102					
					115/230	196/97.8					
22.5/27.5 QD MDKBT 	27.5	60	1800	1	120/240	229/115	1358 (53.5) x 622 (24.5) x 731 (28.8)	565 (1245)			
					120/208	95.4			1358 (53.5) x 622 (24.5) x 761 (30.0)	601 (1325)	
				3	277/480	41.4					
					240/416	47.7					
					127/220	90.3					
					255/440	45.1					
				22.5	50	1500	1	139/240	82.7		
								120/240	82.7		
3	110/220	205/102									
	115/230	196/97.8									
22.5/27.5 QD MDKBT 	27.5	60	1800	1	120/240	229/115	1358 (53.5) x 622 (24.5) x 731 (28.8)	565 (1245)			
					120/208	95.4			1358 (53.5) x 622 (24.5) x 761 (30.0)	601 (1325)	
				3	277/480	41.4					
					240/416	47.7					
					127/220	90.3					
					255/440	45.1					
22.5	50	1500	1	139/240	82.7						
				120/240	82.7						
			3	110/220	205/102						
				115/230	196/97.8						
22.5/27.5 QD MDKBT 	27.5	60	1800	1	120/240	229/115	1358 (53.5) x 622 (24.5) x 731 (28.8)	565 (1245)			
					120/208	95.4			1358 (53.5) x 622 (24.5) x 761 (30.0)	601 (1325)	
				3	277/480	41.4					
					240/416	47.7					
					127/220	90.3					
					255/440	45.1					
22.5	50	1500	1	139/240	82.7						
				120/240	82.7						
			3	110/220	205/102						
				115/230	196/97.8						
22.5/27.5 QD MDKBT 	27.5	60	1800	1	120/240	229/115	1358 (53.5) x 622 (24.5) x 731 (28.8)	565 (1245)			
					120/208	95.4			1358 (53.5) x 622 (24.5) x 761 (30.0)	601 (1325)	
				3	277/480	41.4					
					240/416	47.7					
					127/220	90.3					
					255/440	45.1					
22.5	50	1500	1	139/240	82.7						
				120/240	82.7						
			3	110/220	205/102						
				115/230	196/97.8						
22.5/27.5 QD MDKBT 	27.5	60	1800	1	120/240	229/115	1358 (53.5) x 622 (24.5) x 731 (28.8)	565 (1245)			
					120/208	95.4			1358 (53.5) x 622 (24.5) x 761 (30.0)	601 (1325)	
				3	277/480	41.4					
					240/416	47.7					
					127/220	90.3					
					255/440	45.1					
22.5	50	1500	1	139/240	82.7						
				120/240	82.7						
			3	110/220	205/102						
				115/230	196/97.8						
22.5/27.5 QD MDKBT 	27.5	60	1800	1	120/240	229/115	1358 (53.5) x 622 (24.5) x 731 (28.8)	565 (1245)			
					120/208	95.4			1358 (53.5) x 622 (24.5) x 761 (30.0)	601 (1325)	
				3	277/480	41.4					
					240/416	47.7					
					127/220	90.3					
					255/440	45.1					
22.5	50	1500	1	139/240	82.7						
				120/240	82.7						
			3	110/220	205/102						
				115/230	196/97.8						

QUIET DIESEL™ SERIES

Model	kW	Hz	RPM	Ph	Voltage	Amps	Length x Width x Height, mm (in)		Weight kg (lb) (dry)
							Unhoused/Housed		
 27/32 QD MDKBU	32	60	1800	1	120/240	267/133	1358 (53.5) x 622 (24.5) x 731 (28.8)	590 (1300)	
					120/208	111	1358 (53.5) x 622 (24.5) x 761 (30.0)	626 (1380)	
					277/480	48.1			
					240/416	55.5			
					127/220	105			
					255/440	52.5			
					139/240	96.3			
					120/240	96.3			
					110/220	245/123			
	27	50	1500	1	115/230	235/117			
					120/240	225/113			
					220	122.7			
					3	220/380	51.3		
					277/480	40.6			
					240/416	46.9			
					110/190	103			
					110/220	88.6			
					230/400	49			
					115/200	97.5			
 35 QD MDDCK	35	50	1500	1	115/230	304.3/152.2	1734 (68.3) x 822 (32.4) x 994 (39.1)	990 (2183)	
					110/220	318.2/159.1	1738 (68.4) x 840 (33.1) x 1039 (40.9)	1090 (2403)	
					120/240	291.7/145.8			
					3	240/416	105.2/60.7		
					115/230	219.6/109.8			
					220/380	114.8/66.5			
					110/190	133			
					255/440	57.4			
					110/220	115			
					230/400	63.2			
					115/200	126.4			
					120/208	121.5			
					120/240	105.3			
					 40 QD MDDCA	40	60	1800	1
3	240/416	69.4	1738 (68.4) x 840 (33.1) x 1039 (40.9)	1072 (2363)					
127/220	131.2								
255/440	65.6								
120/208	138.8								
120/240	120.3								
277/480	60.2								
139/240	120.3								
 40 QD MDDCF	40	50	1500	1					
					110/220	363.6/181.8	1738 (68.4) x 840 (33.1) x 1039 (40.9)	1098 (2420)	
					120/240	333.4/166.7			
					3	240/416	69.4		
					115/230	125.5			
					220/380	76.0			
					110/190	152			
					255/440	65.6			
					110/220	131			
					230/400	72.2			
					115/200	144.5			
					120/208	139			
					120/240	120.3			
 50 QD MDDCG	50	50	1500	1	115/230	434.8/217.4	1779 (70.0) x 822 (32.4) x 994 (39.1)	1067 (2352)	
					110/220	454.6/227.3	1783 (70.2) x 840 (33.1) x 1039 (40.9)	1167 (2572)	
					120/240	416.6/208.3			
					3	240/416	86.7		
					115/230	156.9			
					220/380	95.0			
					110/190	190			
					255/440	82			
					110/220	164.1			
					230/400	90.3			
					115/200	180.5			
					120/208	173.6			
					120/240	150.4			

QUIET DIESEL™ SERIES

Model	kW	Hz	RPM	Ph	Voltage	Amps	Length x Width x Height, mm (in)		Weight kg (lb) (dry)			
							Unhoused/Housed					
	55	60	1800	1	120/240	458.4/229.2	1779 (70.0) x 822 (32.4) x 994 (39.1)	1067 (2352)				
					3	240/416	95.4	1783 (70.2) x 840 (33.1) x 1039 (40.9)	1167 (2572)			
						127/220	180.4					
						255/440	90.2					
						120/208	190.8					
						120/240	165.4					
						277/480	82.7					
						139/240	165.5					
	65	60	1800	1	120/240	541.6/270.8	1779 (70.0) x 822 (32.4) x 994 (39.1)	1067 (2352)				
					3	240/416	112.8	1783 (70.2) x 840 (33.1) x 1039 (40.9)	1167 (2572)			
						127/220	213.2					
						255/440	106.6					
						120/208	225.5					
						120/240	195.5					
						277/480	97.8					
						139/240	195.5					
	65	50	1500	1	115/230	565.2/282.6	2142 (84.3) x 822 (32.4) x 994 (39.1)	1320 (2910)				
					110/220	591.0/295.5	2146 (84.5) x 840 (33.1) x 1039 (40.9)	1434 (3161)				
					120/240	541.6/270.8						
					3	240/416	112.8					
				115/230		204.0						
				220/380		123.4						
				110/190		274						
				255/440		106.7						
				110/220		117.3						
				230/400		213.3						
				115/200		234.7						
					80	60	1800	1	120/240	666.6/333.3	2142 (84.3) x 822 (32.4) x 994 (39.1)	1320 (2910)
3	240/416	138.8	2146 (84.5) x 840 (33.1) x 1039 (40.9)						1434 (3161)			
	127/220	262.4										
	255/440	131.2										
	120/208	277.6										
120/240	240.6											
277/480	120.3											
139/240	240.7											
	80	50	1500	1	115/230	695.6/347.8	2142 (84.3) x 822 (32.4) x 994 (39.1)	1320 (2910)				
					3	110/220	727.2/363.6	2146 (84.5) x 840 (33.1) x 1039 (40.9)	1434 (3161)			
						120/240	666.6/333.3					
						240/416	138.8					
				115/230		288.7						
				220/380		151.9						
				110/190		304						
				255/440		131.3						
				110/220		262.6						
				230/400	144.4							
					99	60	1800	1	120/240	825.0/412.5	2142 (84.3) x 822 (32.4) x 994 (39.1)	1320 (2910)
									3	240/416	171.7	2146 (84.5) x 840 (33.1) x 1039 (40.9)
127/220	324.8											
255/440	162.4											
120/208	343.5											
120/240	297.7											
277/480	148.9											
139/240	297.8											

About Cummins Onan

Cummins Onan Generators is a brand of Cummins Power Generation, a subsidiary of Cummins Inc., (NYSE: CMI). Cummins Inc. is a global leader that manufactures, distributes and services engines, fuel systems, controls, air handling, filtration, emission solutions and electrical power generation. Headquartered in Columbus, Indiana (USA), Cummins serves customers in more than 160 countries through its network of 550 company-owned and independent distributor facilities and more than 5,000 dealer locations. The Cummins Onan brand is found on generators and products manufactured for the RV, marine, commercial, residential and portable generator markets.

The following Cummins brands also offer marine products:

Cummins MerCruiser Diesel, a joint venture between Cummins Inc. and Mercury Marine, is the industry's premier "prop to helm" performance source for boaters around the world with diesel marine engines from 76–715 hp for commercial and recreational applications. For more information on propulsion products 15 L and below and prop to helm integrated solutions, including drives, props, controls and information systems, visit www.cmdmarine.com.

Cummins Marine offers a complete line of propulsion, generating set and auxiliary power solutions from 37–1900 kW (50–2547 hp), designed specifically for the challenges of commercial marine applications. Our products are supported by a global team of over 350 marine-certified distributors, offering sales, service and application expertise. Proven reliability, durability and technology. Every Time. Learn more about Cummins marine products by visiting our Web site <http://marine.cummins.com>.

Cummins **Onan**



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